User Guide

Samsung
GALAXY S III

Samsung GALAXY S III

ANDROID SMARTPHONE

User Manual

Please read this manual before operating your phone and keep it for future reference

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Samsung Telecommunications America (STA), LLC

Headquarters:
1301 E. Lookout Drive
Richardson, TX 75082

Customer Care Center:
1000 Klein Rd.
Plano, TX 75074
Toll Free Tel: 1.888.987.HELP (4357)

Internet Address:
www.samsung.com

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Section 1: Getting Started

This section helps you to quickly start using your phone.

Understanding This User Manual

The sections of this manual generally follow the features of your phone. A robust index for features begins on page 167.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting from a Home screen. To get to a Home screen, you may need to unlock the phone. For more information, refer to *"Securing Your Phone"* on page 13.

Note: Instructions in this manual are based on default settings and may vary from your phone depending on the software version on your phone and any changes to the phone's settings.

Note: Unless stated otherwise, instructions in this user manual start with the phone unlocked, at the Home scre.en. All screen images in this manual are simulated. Actual displays may vary depending on the software version of your phone and any changes to the phone's settings.

Special Text

In this manual, some text is set apart from the rest. This special text is intended to point out important information, share quick methods for activating features, define terms, and more. The definitions for these methods are as follows:

- **Note**: Presents alternative options for the current feature, menu, or sub-menu.
- **Tip**: Provides quick or innovative methods or useful shortcuts.
- **Important**: Points out important information about the current feature that could affect performance.
- **Warning**: Brings important information to your attention that can help to prevent loss of data or functionality or damage to your device.

Text Conventions

This manual provides condensed information about how to use your phone. To make this possible, the following text conventions are used to represent often-used steps:

➔ Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures. For example:

From a Home screen, touch **Apps** ➔ **Settings** ➔ **Display** ➔ **Brightness**.

Setting Up Your Phone

Install the battery and optional memory card, and then charge the battery to begin using your phone.

Note: A memory card is not included with your phone. Memory cards are sold separately.

Back Cover

The battery and optional memory card are installed under a removable cover on the back of the phone.

Removing the battery cover

- Pull up using the slot provided (1), while lifting the cover off the phone (2).

Installing the battery cover

- Align the cover and press it firmly into place, making sure it snaps into place.

Note: The battery cover is flexible. Take care to avoid bending or twisting the cover when removing and installing, to prevent damage to the cover.

Installing the Battery

1. Insert the battery into the opening on the back of the phone, making sure the connectors align (1).
2. Gently press down to secure the battery (2).

Note: Make sure the battery is properly installed before switching on the phone.

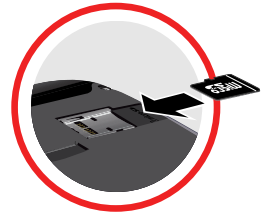
Removing and Installing the Memory Card

You can use a microSD or microSDHC memory card (not included) to expand available memory space if you desire. This secure digital card enables you to exchange images, music, and data between SD-compatible phones. This type of memory card is designed for use with this mobile phone and other phones.

Note: Your phone has been tested to support up to a 64GB memory card.

Installing the Memory Card

- With the gold contacts facing down, slide the memory card (not included) into the slot and gently push it into place.



For more information on Memory Cards, see *"SD Card"* on page 144.

Removing the Memory Card

- Grasp the memory card and remove it from the phone.

Charging a Battery

Your phone is powered by a rechargeable, standard Li-Ion battery. A Wall/USB Charger (Charging Head and USB cable) is included with the phone, for charging the battery.

The battery comes partially charged. You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time. After the first charge, you can use the phone while charging.

Warning! Use only Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

Note: Long backlight settings, searching for service, vibrate mode, web browser use, and other variables may reduce the battery's talk and standby times.

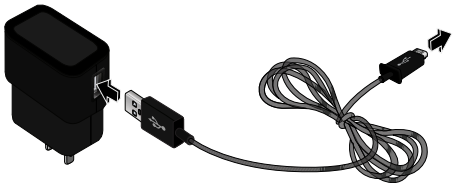
Although you can use the phone while the battery is charging, doing so will require additional charging time.

Using the Travel Charger

Important! Verify that the handset battery is installed prior to connection. If the battery is not properly installed and the wall charger is connected, the handset may power off and on continuously, preventing proper operation.

1. Plug the flat end of the Travel Charger into the charging/USB port and the other end into a standard AC wall outlet.

2. Connect the USB cable to the charging head.



3. Plug the charging head into a standard AC power outlet.
4. When charging is complete, unplug the charging head from the power outlet and remove the USB cable from the phone.

Warning! Please note that a touch screen responds best to a light touch from the pad of your finger. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Note: Failure to unplug the wall charger before you remove the battery, can cause damage to the phone.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, the battery icon blinks and the phone sounds a warning tone at regular intervals. In this condition, your phone conserves its remaining battery power, not by turning off the backlight, but by entering the dimming mode. For a quick check of your battery level, glance at the battery charge indicator located in the upper-right corner of your phone's display.

When the battery level becomes too low, the phone automatically turns off.

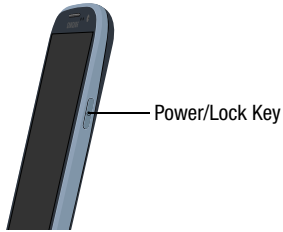
You can also choose to display the percentage of battery charge remaining along with the battery status icon in the status bar.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Display** ➔ **Show battery percentage**.

Turning the Phone On or Off

To turn the phone on:

1. Press and hold the **Power/Lock Key** until the phone vibrates and starts up.



2. Swipe your finger across the screen to unlock the phone.

To turn the phone off:

1. Press and hold the **Power/Lock Key**.
2. Touch **Power off**, and then touch **OK** to confirm.

Setup Wizard

The first time you turn your phone on, Setup Wizard will guide you through the basics of setting up your phone.

Follow the prompts to choose a default language, set up accounts, choose location services, and learn more about your phone.

You can also use the Setup Wizard to quickly configure your phone at any time.

- From a Home screen, touch **Apps** ➔ **Setup Wizard**.

Displaying Your Phone Number

- From the Home screen, touch **Menu** ➔ **Settings** ➔ **About phone** ➔ **Status** ➔ **My phone number**.

Voicemail

All unanswered calls to your phone are sent to voicemail, even if your phone is turned off, so you will want to set up your voicemail and personal greeting as soon as you activate your phone.

For more information, see *"Voicemail"* on page 58.

Samsung Account

Create a Samsung account for access to Samsung apps on your phone, such as Samsung Link. For more information, see *"Add Account"* on page 159.

If you did not create a Samsung account when you first set up your phone, follow these steps:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Add account**.
2. Touch **Samsung account** ➔ **Create new account**, and then follow the prompts to enter your account credentials.

Google Account

When you set up your Google account on your phone, Google applications will always be in sync between your phone and the Google servers.

When you turn on your phone for the first time, the setup wizard will guide you through the steps to set up your Google account on your phone, or to create a new account. If you did not set up a Google account when you first turned on your phone, follow these steps:

1. From a Home screen, touch **Apps** ➔ **Gmail**.

   The **Add a Google Account** screen displays.
2. Touch **New** to create a new Google account.

   – or –

   If you already have a Google account, touch **Existing** to sign in and add the account to your phone.
3. Follow the onscreen instructions to add a Google Account.

Securing Your Phone

Use your phone's screen lock features to secure your phone.

To set a screen lock, use the Lock screen settings. For more information, see *"Lock Screen Options"* on page 148.

For other settings related to securing your phone, see *"Security"* on page 150.

Locking the Phone

- By default, the phone locks automatically when the screen times out.

  – or –

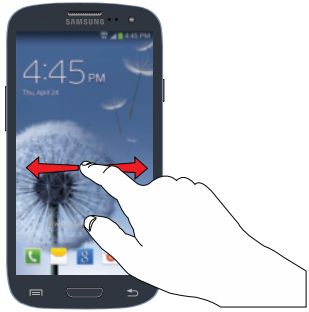
  Press the **Power/Lock Key**.

Tip: When the phone is locked, the Emergency call feature is available on the lock screen—allowing you to make emergency calls even while the phone is locked.

Unlocking the Phone

Unlock the phone using one of the default unlock screens, or set an optional Lock screen for increased security.

- Press the **Power/Lock Key**, then touch and drag your finger across the screen.



Section 2: Understanding Your Phone

This section outlines some key features of your phone and describes the screen and the icons that appear when the phone is in use.

Features of Your Phone

The following list outlines a few of the features included in your phone.

- 4.8-inch 1280x720 HD Super AMOLED™ touch screen
- CDMA Data - 1x and EVDO Rev0/RevA Technology
- 1.5 GHz dual-core processor with 2GB RAM
- Android® 4.3, Jelly Bean
- Connections
  - Wi-Fi and Wi-Fi Direct
  - Bluetooth
  - Tethering and USB 2.0
  - VPN
  - NFC, Android Beam, and S Beam, for easy sharing of files
  - File sharing with nearby DLNA-compatible devices
- SAFE®
- Messaging Services: Text, Picture, Video, Voice, Email, Gmail, and Chat
- 8 megapixel Camera/Camcorder with LED flash, 1.9 megapixel Front camera, and Share Shot Camera shooting mode to quickly share photos via Wi-Fi Direct
- Gallery for viewing and managing pictures and videos
- Video Player (720p), with Pop Up Play, for watching videos while multi-tasking with other phone features
- DivX Certified® to play DivX® video up to HD 720p, including premium content
- Music Player
- S Voice for natural voice commands
- Support for optional microSD™ and microSDHC™ memory cards (not included) up to 64GB capacity

Front

- **LED Indicator**: Shows phone status when the screen is off.
  - **Blue**: Pulses while the phone is turning on or off. Blinks for a missed call, message or other notification, or when recording voice with the screen off.
  - **Red**: Glows when the phone is connected to a charger and charging. Blinks when battery power is low.
  - **Green**: Glows when the phone is connected to a charger and the battery is fully charged.
- **Earpiece**: Plays sounds.
- **Proximity and Light Sensors**: Used to control screen brightness automatically and to detect motions.
- **Front Camera**: Captures pictures or video.
- **Power/Lock Key**: Press to lock the phone or to wake the screen for unlocking. Press and hold to turn the phone on or off.
- **Back Key**: Touch to return to the previous screen or option.
- **Menu Key**: Touch to display a context-sensitive menu of options for the current screen or feature.
- **Home Key**: Press to display the Home screen, or Lock screen if the phone is locked.
- **Volume Key**: From a Home screen, press to adjust Master Volume. Press to mute the ringtone of an incoming call.

Back

- **LED Flash**: Provides additional light when taking photos or recording video.
- **Microphones (top and bottom)**: Captures audio during recording, during phone calls, and video chat.
- **Camera Lens**: Used when taking photos or recording videos.
- **3.5mm Headset Jack**: Plug in an optional headset or other equipment.
- **External Speaker**: Plays ringtones, call audio when in Speakerphone mode, music and media playback, and other sounds.
- **Charging/USB Port**: Connect a USB cable for charging or to sync music and files.

Navigation

Navigate your phone's features using keys and the touch screen.

Warning! Please note that a touch screen responds best to a light touch from the pad of your finger or a nonmetallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Finger Gestures

Touch

Touch items to select or launch them. For example:

- Touch the onscreen keyboard to enter characters or text.
- Touch an item to select it.
- Touch an app's icon to launch the application.

Touch and Hold

Activate items by a touch and hold gesture. For example:

- Touch and hold a widget on the Home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

Swipe

Swipe your finger across the screen. For example:

- Unlocking the screen
- Scrolling the Home screen or a menu
- Combine touch and hold with swipe to drag an item.

Pinch

Using two fingers, make a pinch motion on the screen. For example:

- Pinch in to zoom in on pictures or screens.
- Pinch out to zoom out on pictures or screens.

Using Motions

You can use Motions to interact with your phone.

Caution! Excessive shaking or impact to the device may cause unintended results. To learn motions, touch **Apps** ➔ **Settings** ➔ **Motion**. When touched, each option displays an onscreen tutorial.

- **Direct call**: Lift the phone to your ear to call a displayed contact in Messaging, Contacts, or Call Log to dial the contact's phone number.
- **Smart alert**: Receive notifications regarding missed calls and alerts that occurred while the phone was stationary.
- **Double tap to top**: Double tap on the top of the phone to go to the top of a list.
- **Tilt to zoom**: Tilt the phone while in Gallery or Internet causes the screen to zoom in or out.
- **Pan to move icon**: Moving the phone in a panning motion (side-to-side) moves a highlighted icon to a new location on the Home screen.
- **Pan to browse images**: Moving the phone in a panning motion while viewing an image moves focus around in the image.
- **Shake to update**: Shaking the phone starts a scan for nearby devices for sharing.
- **Turn over to mute/pause**: Turning the phone screen-down automatically mutes incoming call ringtones and alerts sounds.
- **Sensitivity settings**: Configure motion sensitivity.
- **Learn about motions**: View tips on using motions.
- **Palm swipe to capture**: Swiping the screen with the side of your hand (left to right, or right to left) captures a screen shot.
- **Palm touch to mute/pause**: Covering the screen with your hand mutes or pauses media playback.
- **Learn about hand motions**: View tips on using hand motions.

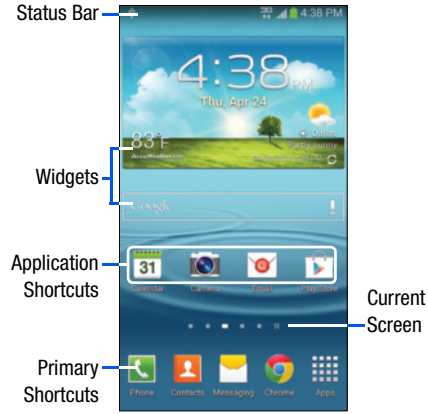
Home Screen

The Home screen is the starting point for using your phone. You can shortcuts, folders, or widgets for quick access to information and applications.

The Home screen consists of multiple panels that extend beyond the display width to provide more space for adding shortcuts, widgets and folders.

- From the main Home screen, swipe the screen with your finger in either direction. The main Home Screen is located in the middle with a Home screens on each side. As you scroll, the indicator at the bottom of the display shows your current position.

To display the Home screen, press **Home**.



Customizing the Home Screen

You can add and delete Home screens. You can have up to seven Home screens.

To add a new Home screen:

- From a Home screen, touch **Menu** ➔ **Edit page**, and then tap a screen that contains .

To delete a Home screen:

1. From a Home screen, touch **Menu** ➔ **Edit page**.
2. Touch and hold the Home screen you want to delete, and then drag it to the trash can.
3. If there are items on the Home screen, follow the prompts to confirm the deletion.

To move a Home screen:

1. From a Home screen, touch **Menu** ➔ **Edit page**.
2. Touch and hold the Home screen you want to move, and then drag it to a new position.

Notification Panel

Notification icons appear on the Status Bar at the top of the screen to report new messages, calendar events, device status, and more. For details about these notifications, open the Notification Panel.

To view the Notification Panel:

1. Swipe downward from the top of the screen to display the Notification Panel.
2. Scroll down the list to see additional notification details.
3. Touch an item to open it.
4. To clear a single notification, drag the notification left or right. Touch **Clear** to clear all notifications.
5. To close the Notification Panel, swipe upward from the bottom of the screen or touch **Back**.

To close the Notification Panel:

- Touch **Back**, or swipe up.

Accessing Additional Panel Functions

In addition to notifications, the Notification Panel also provides quick access to settings. These can be quickly activated or deactivated by toggling them on or off. You can also choose the settings to display on the Notifications Panel.

- Swipe downward from the top of the screen to display the Notification Panel.
  - Touch to display additional Quick settings.
  - Touch to edit Notification options.
  - In a single motion, touch and hold a desired function, such as NFC, then drag it to the top two rows.
  - Touch **Brightness adjustment** to enable or disable automatic brightness adjustment.

Status Bar

The Status Bar shows network and battery status and other details, including these common icons..

Your phone is actively connected to a 3G network.

Current signal strength. The greater the number of bars, the stronger the signal.

Current signal strength, when the phone is roaming. The greater the number of bars, the stronger the signal.

Current signal strength, when the phone is roaming on CDMA networks. The greater the number of bars, the stronger the signal.

Indicates that the Airplane Mode is active. You cannot send or receive any calls or access online information. For more information, refer to *"Airplane Mode"* on page 122.

There is no network available.

Your phone is in Blocking mode.

There is a system error or alert.

Indicates a security warning.

A voice call is in progress.

A call is on hold.

The speakerphone is enabled.

A call has been missed.

A call has been muted.

Call forwarding is set to Always forward.

Battery charge level. Icon shown is fully charged.

Your battery is charging.

Low battery power.

Battery is critically low.

Your battery is empty.

Your phone is downloading or has downloaded a file.

An outbound file transfer is in progress.

A Play Store download has completed.

Updates are available for download.

The phone is connected to a computer via USB cable.

The phone is tethered via a supported USB cable connection.

A new text or multimedia message is received.

A new voice mail is received.

Email has been received.

The time and date for a Calendar Event has arrived.

An alarm is set to ring at a specified time.

The Sound profile is set to Mute.

The Sound profile is set to Vibrate.

Bluetooth is activated.

A Bluetooth device has been paired with the phone.

Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

There is a Wi-Fi access point available, but you are not connected to it. May also display if there is a communication issue with the target Wireless Access Point.

Wi-Fi Direct is active and your phone is connected to another device.

Your phone has been configured as a portable Wi-Fi hotspot.

GPS is active and acquiring a signal.

Data synchronization and application sync is active and synchronization is in progress for Gmail, Calendar, and Contacts.

Your phone is in Hands-free mode. Incoming calls and notifications will be read out aloud.

Near Field Communication (NFC) has been activated.

Your device is connected being used to control streaming media and is connected to a Digital Living Network Alliance (DLNA) certified device using the Samsung Link application.

A TTY device has been inserted.

A screen capture has been taken.

Displays when the keyboard is active.

Music is playing, but the app is in the background. You can control playback from the Notification Panel or from the Music app.

Music playback is paused. You can control playback from the Notification Panel or from the Music app.

An optional memory card (not included) scan is underway, to prepare the card for use.

An optional memory card (not included) was unmounted, and it is safe to uninstall it.

An optional memory card (not included) was uninstalled.

Shortcuts

Shortcuts are different than the current Home screen Widgets that only launch an application. Shortcuts activate a feature, action, or launch an application.

Note: To move a shortcut from one screen to another, it must first be deleted from its current screen. Navigate to the new screen, then add the shortcut.

Adding a Shortcut from Apps

1. Touch **Apps**, and then touch and hold an icon.
2. Drag the icon to the desired location on the home screen, and then release it.

Adding a Shortcut from the Home Screen

1. Press **Home**, and then navigate to the desired page.
2. Touch and hold on an empty area of the screen, and then choose **Apps and widgets**.
3. Touch and hold a shortcut from the available list and drag it to the home page.

Deleting a Shortcut

1. Press **Home**, and then navigate to the desired page.
2. Touch and hold the desired shortcut, and then drag it to the trashcan.

Note: This action does not delete the shortcut, it just removes it from the home screen.

Adding and Removing Primary Shortcuts

You can change any of your primary shortcuts, except the **Apps** shortcut.

1. Press **Home** to activate the main Home screen.
2. Touch and hold a primary shortcut, and then drag it to any Home screen.
3. Scroll through the Apps menu to find the shortcut you want to add as the new primary shortcut.
4. Touch and hold the new shortcut, then drag it to the empty space in the row of primary shortcuts.

Widgets

Widgets are self-contained applications that reside in either your Widgets tab or on the Home screens.

Adding a Widget

1. Press **Home**, and then navigate to the desired page.
2. Touch and hold on an empty area of the screen, and then touch **Apps and widgets**.
3. Touch the **Widgets** tab at the top of the screen, and then touch and hold a widget and drag it to a new position.

Removing a Widget

- Touch and hold a Widget to unlock it, and then drag it to the trashcan.

Note: This action does not delete the widget, it just removes it from the Home screen.

Folders

Place folders on the Home screen to organize items.

Adding Folders

1. Press **Home**, and then navigate to the desired page.
2. Touch and hold on an empty area of the screen, and then touch **Folder**.
3. Enter a name for the folder and touch **OK**.

Using Folders

- Touch the folder to open it and access the shortcuts inside.
- To add shortcuts to the folder, touch and hold the shortcut, and then drag it to the folder and release.
- To delete a folder, touch and hold the folder until it detaches, and then drag it to the trashcan. When you delete a folder, any shortcuts in it are also deleted.

Wallpapers

You can choose a picture to display on the Home Screen, Lock screen, or on both the Home and Lock screens. Choose from preloaded wallpapers, or select a photo you have downloaded or taken with the Camera.

1. Press **Home**, and then touch and hold on an empty area of the screen.
2. Touch **Set wallpaper**, and then choose **Home Screen**, **Lock screen**, or **Home and lock screens** for options:
   - **Gallery**: Access the Gallery to select a photo.
   - **Live wallpapers**: Choose from pre-loaded interactive animated wallpapers (Home screen only).
   - **Wallpapers**: Choose from pre-loaded wallpaper images.

Note: You can also set the wallpaper in Settings. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Display** ➔ **Wallpaper**.

Multi Window

Use Multi window to run two apps on the screen at the same time.

You can enable Multi window in Settings, and then press and hold **Back** to control whether the Multi window tray displays on the screen.

To enable or disable Multi window:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Display**
2. Tap **Multi window** to enable or disable the option.

To control whether Multi window displays on the screen:

- Touch and hold **Back**.

Tip: You can also control Multi window from the Notifications Panel. Drag your finger down from the Status bar to display the Notifications Panel, and then touch **Multi window**.

Using Multi Window

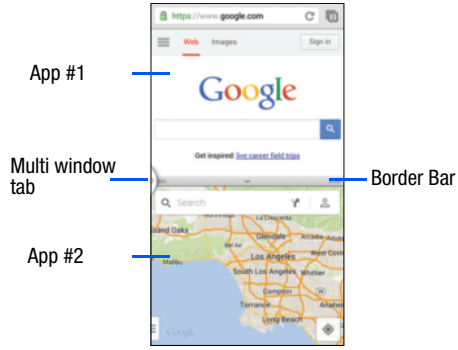
You can use Multi Window to run multiple apps on the same screen.

Once multiple apps are running on the same screen, you can then use them simultaneously, swap their positions or maximize one app.

Note: When launching applications that contain multimedia files (music/video), audio from both files will be played simultaneously.

The following example uses the Chrome and Maps applications, but any two apps from the Multi window tray will work the same way.

1. Touch the Multi window tab to display the apps tray.
2. Touch and hold the **Chrome** icon, and then drag it to the screen.
3. Touch and hold the **Maps** icon, and then drag it to the screen.



To switch the position of the applications:

1. Tap an app to select it.
2. Tap the Border Bar, and then tap **Switch**.

To change the size of an app window:

- Touch and hold the Border Bar, and then drag it to resize the desired window.

To split the current apps:

1. Tap an app to select it.
2. Tap the Border Bar, and then tap **Split / Maximize**.

Move the Multi window tray:

Touch and hold the Multi window tab, and then

To exit the Multi window app:

- Touch **Exit**.

Entering Text

This section describes how to select the desired text input method when entering characters into your phone. This section also describes the predictive text entry system that reduces the amount of key strokes associated with entering text.

Your phone comes equipped with an orientation detector that can tell if the phone is being held in an upright (Portrait) or sideways (Landscape) orientation. This is useful when entering text.

Text Input Methods

Your phone offers multiple ways to enter text:

- **Samsung keyboard (default)**: Samsung's onscreen QWERTY keyboard that can be used in both portrait and landscape orientation.
- **Swype**: Instead of touching each key to enter text, use your finger to trace over each letter of a word.
- **Google voice typing**: Enter text by speaking.

To choose a text input method while entering text:

1. Touch the top of the screen and swipe downward to display the Notification Panel.
2. Touch **Select input method**, and then touch an input method to select it.

For more information, refer to *"Keyboards and Input Methods"* on page 153.

Using the Samsung Keyboard

The Samsung keyboard is a custom virtual QWERTY keyboard, featuring optional predictive text. Input characters by touching the onscreen keys with your finger or use speech recognition.

You can enable predictive text, to have the Samsung keyboard match your key touches to common words and display them. The Personalization option learns from Gmail, Facebook, and Twitter. Log into these applications to enable the Samsung keyboard to learn from your text input.

Keyboard Types

In addition to the default QWERTY keyboard, there is another type of the Samsung keyboard: a ***Floating*** keyboard.

To change the keyboard type:

1. Access the QWERTY keyboard.
2. Touch and hold **Options** on the keyboard, touch , and then select **Floating** from the pop-up menu.

Tip: Touch the tab at the top of the Floating keyboard to move it to another position on the screen.

Configuring the Samsung Keyboard

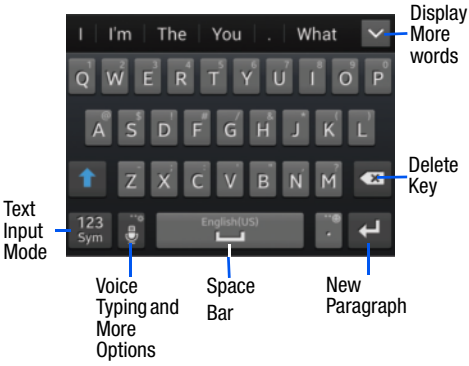
You can configure the Samsung keyboard to your preferences.

- While entering text, touch and hold **Options** on the keyboard and then touch **Settings** in the pop-up menu.

For more information, refer to *"Samsung Keyboard"* on page 154.

Entering Text Using the Samsung Keyboard

From a screen where you can enter text, rotate your phone counterclockwise to a Landscape orientation. The onscreen QWERTY keyboard displays.



Changing the Text Input Mode

There are two main keyboard layout keys that will change the onscreen keys within the QWERTY keyboard.

The available Text Input modes are: **Sym** and **Abc**.

123 Sym **Symbol/Numeric Mode**: Activates the number, symbol, and emoticon keys.

ABC **ABC Mode**: Activates the default alphabet keys. Can also be set to **Abc** or **abc** by tapping **Shift**.

Using ABC Mode

1. If desired, rotate your phone counterclockwise to a Landscape orientation.
2. Touch the desired alphabetic characters.
3. The screen initially opens in ABC mode. After typing the first letter, the shift key ( ) will change to and following letters will be lowercase.
4. Touch to input another upper-case letter or double-tap to switch to ABC mode. The shift key will change to in ABC mode. All following letters will be uppercase until you touch the shift key again.

Using Symbol/Numeric Mode

Use Symbol/Numeric Mode to add numbers, symbols, or emoticons.

1. Rotate your phone counterclockwise to a Landscape orientation.
2. Touch 123 Sym at the bottom of the screen. The following screen displays:
3. Touch the desired number, symbol, or emoticon characters.
4. Touch the 1/3 button to access additional symbols.
5. Touch ABC to return to Abc mode.

Predictive Text

The Predictive Text option provides next-letter prediction and regional error correction, which compensates for touching the wrong keys on the QWERTY keyboard. Predictive text is turned on by default.

1. Touch and hold **Options** on the keyboard, then touch **Settings**. The Samsung keyboard settings screen displays.
2. Touch the **OFF/ON** button to turn Predictive text ON ON.
3. While entering characters, potential word matches display in the Predictive text area above the keyboard. Touch a word to insert it into your text.

Tip: Touch to display more words.

Entering Text Using Handwriting

You can enter text simply by using your finger to handwrite letters on your screen.

1. From the keyboard, touch **Options** and then touch **Handwriting**.
2. Use your finger tip to write out each character. You can print or use cursive.
3. You can write out your entire message using the Handwriting feature or touch to switch back to Samsung keyboard mode.

Using the Google Voice Typing Feature

You can use your voice to enter text using the Google Voice typing feature.

1. From the keyboard, touch the top of the screen and drag downward to display the Notification Panel.
2. Touch **Select input method** ➔ **Google voice typing**.
3. At the **Speak now** prompt, speak clearly and distinctly into the microphone.
   - If the red microphone turns gray, then the feature has timed out and you should touch the microphone icon to start again.
   - After you have quit speaking for several seconds, touch to return to the keyboard.

Entering Text Using Swype

Swype is a text input method that makes it possible to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words. Swype uses error correcting algorithms and a language model to predict the next word. Swype also includes a touch predictive text system.

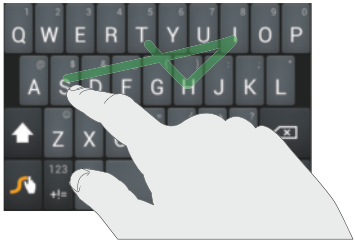
Enabling and Configuring Swype

To enable the Swype keyboard while entering text:

1. Touch the top of the screen and swipe downward to display the Notification Panel.
2. Touch **Select input method** ➔ **Swype**.

Swype Tips

The following example shows how to enter the word “This”. Put your finger down on the “T”, and without lifting, glide it to the “h”, then to the “i” then over to the “s”.



Here are a few tips to get you started:

- Create a squiggle (like an S shape) to create a double letter (such as **pp** in apple).
- Touch and hold a key to view the punctuation menu, and then make a selection.
- Move your finger or stylus over the apostrophe to enter contractions.
- Double-tap on the word you want to change to correct a misspelled word, then touch the delete key to erase one character. Touch and hold the delete key to erase an entire word.

Swype Settings

You can configure Swype to your preferences. For more information, refer to *“Swype”* on page 155.

- While entering text, touch and hold the **Swype Key** to display the Settings screen.

Swype Help

While entering text, you can get information about Swype.

1. Touch and hold the **Swype Key** to access the Swype options menu.
2. Touch **Help** ➔ **How to Swype**.

Section 3: Contacts and Accounts

This section explains how to manage contacts and accounts.

Accounts

Your phone provides the ability to synchronize information, from a variety of accounts, including your Google, Email, social networking, and Samsung accounts. Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

Contacts from your accounts appear in your phone's Contacts.

With synchronization, you can ensure that information on your phone is updated with any information that changes in your accounts.

Setting Up Your Accounts

Set up and manage your accounts with the Accounts settings.

For information about setting up email accounts, see *"Setting Up Email Accounts"* on page 68.

Adding an Account

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Add account**.
2. Select an account provider, then follow the prompts to enter your credentials and sign in.
3. The device communicates with the provider's server to set up your account on the device.

Contacts

Use Contacts to store information for your friends, family, and colleagues, to make contacting them easy.

There are several ways to access Contacts:

- From a Home screen, touch **Contacts**.

  – or –

  From a Home screen, touch **Phone** ➔ **Contacts**.

Choosing Contacts to Display

1. Touch **Contacts**.
2. Touch **Menu** ➔ **Contacts to display**.

   Choose one of the following display options:

   - **All contacts**: Show all contacts.
   - **Device**: Only contacts stored to your device.
   - **<account>**: Only display contacts from this account.
   - **Customized list**: Select contact types for each account or the phone.

Creating Contacts

1. Touch **Contacts** ➔ **Create contact**.
2. At the **Save contact to** prompt, select a save option for the contact (options depend on accounts set up):

   - **Device**: Save to the phone's Contacts.
   - **Add new account**: Add a new account type.
3. Touch contact fields to enter information:

   - Touch the Contact image to choose a picture to identify the contact.
   - Some fields have preset values. Touch the field and touch the desired value. For example, touch the **Label** to choose label for the field.
   - Other fields have to be input. Touch the field and use the onscreen keyboard to input information.
   - Touch to add additional information in a field.Touch to remove an item. Also, touch **Add another field** to add other fields.
4. When you finish entering information, touch **Save** to save the contact.

Updating Contacts from Recent Calls

Save a phone number from a recent call to create a new contact, or update an existing contact.

For more information, refer to *"Using a Recent Call to Update a Contact"* on page 54.

My Local Profile

My local profile is your own contact record, listed under ME in Contacts. You can send My local profile as a vCard by using Bluetooth or as an attachment.

Creating My Local Profile

1. Touch **Contacts**.
2. Touch **Set up profile**, then enter your information in the contact fields. For more information, see *"Creating Contacts"* on page 37.

Sending My Local Profile

You can send your profile as a vCard by using Bluetooth to other Bluetooth devices, or as an attachment.

1. Touch **Contacts**.
2. Touch your profile to display your contact information.
3. Touch **Menu**, then touch **Share namecard via**.
4. Choose a sending method, then follow the prompts to send the profile.

Adding Pauses or Waits to Contact Numbers

When you call automated systems, you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called *pauses* and *waits*. A pause stops the calling sequence for two seconds and a wait pauses the calling sequence until you enter a number or touch a key.

1. Touch **Contacts**.
2. Touch the name or number to open the Contact, and then touch **Edit**.
3. Touch the phone number field and then touch the screen at the position where the pause or wait needs to be added.
4. Touch Sym and then touch **Pause(,)** to add a two-second pause or touch **Wait(;)** to add a wait. A pause displays as a comma, and a wait displays as a semi-colon.
5. Touch **Save** to save your changes.

Editing an Existing Contact

When editing an existing contact, you can touch a field and change or delete the information, or you can add additional fields to the contact's list of information.

1. Touch **Contacts**.
2. Touch the name or number to open the Contact.
3. Touch **Edit**.
4. Touch any of the fields to add, change, or delete information.
5. Touch **Save** to save the edited information.

Dialing or Messaging from Contacts

Once you have stored contacts with phone numbers, you can call those contacts easily and quickly by either using their phone number or by using the Search field to locate a contact entry.

You can also send messages from Contacts.

Finding a Contact

To find a contact entry:

1. Touch **Contacts**.
2. Within the Contacts list (sorted alphabetically), touch a letter on the right side of the display to quickly jump to the contacts beginning with that letter.

Linking Contacts

Your device can synchronize with multiple accounts, including Google, Corporate, and other providers, plus social networking sites like Facebook. When you synchronize contacts from these accounts with your device, you may have multiple contacts for one person.

Linking contact records allows you to see all the contact's numbers and addresses together. Linking also helps you keep your contacts updated because any changes to information in the respective accounts is automatically updated the next time you synchronize with the account.

The next time you synchronize your phone with your accounts, any updates that contacts make to email account names, email addresses, and so on, automatically update in your contacts list.

Linking Contacts

1. Touch **Contacts**.
2. Touch a contact to display it, and then touch **Menu** ➔ **Link contact**.
3. Touch the second contact that you want to link with the first contact. Information from both contacts is displayed on the same screen.

Tip: Touch in a contact record to view linked contacts.

Unlinking Contacts

1. Touch **Contacts**.
2. Touch a contact to display it, and then touch to display linked contacts.
3. Touch next to a contact, and then follow the prompts to unlink the contacts.

Marking Default Contact Information

When you use messaging applications, the application needs to know which information is primary (default) in a contact entry list. For example, you may have three different telephone numbers for John Smith, so the application will be looking for the “default” number.

1. Touch **Contacts**.
2. Touch a Contact to display it.
3. Touch **Menu** ➔ **Mark as default**, and then touch an item to make it the default.
4. Touch **Done** to save the change.

Contacts Options

You can access general options while at the main Contacts screen or individual Contact options while in the details screen for a specific entry.

General Contacts Options

Configure options for the Contacts app.

1. Touch **Contacts**.
2. Touch **Menu** for options:
   - **Backup**: Launch Backup Assistant[SM] Plus.
   - **Delete**: Delete one or more contacts.
   - **Import/Export**: Move contacts to or from an optional memory card (not included) or USB storage.
   - **Share namecard via**: Send one or more contact's information by using Bluetooth, Email, Gmail, Messaging, or Wi-Fi Direct.
   - **Accounts**: Display the accounts set up on your phone. Touch **Add account** to add additional accounts or touch an existing account to manage sync settings.
   - **Speed dial setting**: Set up speed-dialing. For more information, refer to *"Making a Call Using Speed Dial"* on page 52.
   - **Send message/email**: Send a text message or email to one or more contacts.
   - **Contacts to display**: You can choose to display all of your contacts, or create a **Customized list** of contacts to display.
   - **Settings**: Choose options for displaying contacts:
     - **Only contacts with phones**: Only display contacts that have phone numbers.
     - **List by**: List contacts by First name or Last name.
     - **Display contacts by**: Display contacts by First name first or Last name first.
     - **Contact sharing settings**: Touch **Settings** to specify how contacts are transferred to another device, either as a full group or individually.

Contact Options

Configure options for an individual contact.

1. Touch **Contacts**.
2. Touch a contact to display it.
3. Touch **Menu** for options:
   - **History**: View the phone and message history for the contact.
   - **Edit**: Edit the contact's information.
   - **Delete**: Delete the contact.
   - **Link contact**: Link multiple contacts to display in one record.
   - **Separate contact**: Separate contacts that have been linked. This option only appears if the contact is linked.
   - **Mark as default**: When you have multiple numbers or addresses for a contact, you can mark one as default for use in other apps.
   - **Share namecard via**: Send the contact's information via Bluetooth, Email, Gmail, Messaging, or Wi-Fi Direct.
   - **Add to/Remove from reject list**: Add or remove the contact from your reject list. When a contact is on the reject list, calls from them are automatically rejected.
   - **Add shortcut to home**: Place a shortcut for this contact on your Home screen.

Groups

Assign contacts to Groups to make searching for contacts faster or to quickly send messages to group members. There are several predefined groups, or you can create new ones.

Creating a New Group

1. Touch **Contacts** ➔ **Groups**.
2. Touch **Menu** ➔ **Create**, and then enter information about the group:
   - Touch **Group name** to enter a name for the group.
   - Touch **Group ringtone** to choose a ringtone for calls from group members. Touch a ringtone to hear how it sounds, then touch **OK** to select it. You can also touch **Add** to select a ringtone from your music files.
   - Touch **Message alert** to choose an alert tone for assignment to this new group, then touch **OK**.
   - Touch **Vibration pattern** to choose a vibration to play for notifications, and then touch **OK**. You can touch **Create** to create your own vibration pattern.
   - Touch **Add member** to add contacts to the new group.
3. Touch **Save** to save the new group.

Adding a Contact to a Group

1. Touch **Contacts** ➔ **Groups**
2. Touch a group, and then touch **Add**.
3. Touch contacts to add to the group or touch **Select all**.
4. Touch **Done**.

Removing a Contact from a Group

1. Touch **Contacts** ➔ **Groups**
2. Touch a group, and then touch **Menu** ➔ **Remove member**.
3. Touch contacts to mark them for removal, or touch **Select all**.
4. Touch **Done**.

Editing a Group

To edit a Group entry, there must be at least one member as part of the selected group.

1. Touch **Contacts** ➔ **Groups**
2. Touch a group, and then touch **Menu** ➔ **Edit group**.
3. Make modifications to the Group name, Group ringtone, Message alert, or Vibration pattern fields, or touch **Add member** to add more contacts to this group.
4. Touch **Save** to save the changes.

Deleting a Group

1. Touch **Contacts** ➔ **Groups**
2. Touch **Menu** ➔ **Delete groups**.
3. Touch each group that you want to remove or touch **Select all**. (You cannot delete default groups.)
4. Touch **Delete**, then choose **Group only** or **Group and group members**, and touch **OK**.

Sending a Message to Group Members

Create a new text or email message, addressed to a group's members.

1. Touch **Contacts** ➔ **Groups**
2. Touch a group to display it.
3. Touch **Menu** ➔ **Send message** or **Send email**.
4. Touch contacts to mark them as recipients for the new message or touch **Select all**, and then touch **Done**.
5. The new message opens with the marked contacts as recipients. Continue creating the message, as desired. For more information, see *"Composing a Message"* on page 60, or see *"Composing and Sending Email"* on page 69.

Favorites

Mark contacts with a gold star to identify them as Favorites. Favorites display on the Favorites tab in the Phone and Contacts apps for fast dialing or messaging.

To view your Favorites:

- Touch **Contacts** ➔ **Favorites**.

Adding Favorites

1. Touch **Contacts** ➔ **Favorites**.
2. Touch **Menu** ➔ **Add to favorites**.
3. Touch contacts to mark them as favorites, or touch **Select all**, and then touch **Done**.

   – or –

   Touch a contact to display it, then touch the star at the top right of the screen.

Removing Favorites

1. Touch **Contacts** ➔ **Favorites**.
2. Touch and hold a contact, and then touch **Remove from favorites** from the pop-up menu.

Exporting and Importing Contacts

You can export your contact list to and from USB storage or an installed memory card (not included). Contacts are exported and imported as a special VCF file, and contacts are sent as vCards.

1. Touch **Contacts**.
2. Touch **Menu** ➔ **Import/Export**.
3. Select an option, then follow the prompts to complete the operation:
   - **Import from USB storage**: Copy contacts that are saved in device memory.
   - **Export to USB storage**: Copy contacts to device memory.
   - **Import from SD card**: Imports contacts from the SD card.
   - **Export to SD card**: Exports contacts to the SD card.

Deleting Contacts

You can delete Phone or account contact records.

1. Touch **Contacts**.
2. Touch and hold a contact that you want to delete, then select **Delete** from the pop-up menu.
3. At the **Delete** prompt, touch **OK** to delete the contact or **Cancel** to exit.

Note: Deleting contacts that are saved under an account will be deleted from the account, if sync is turned on.

Sending Namecards (vCards)

You can send a contact namecard as a vCard via Bluetooth, or as an attachment via Gmail or Email.

Important! Not all Bluetooth devices accept contacts, and not all devices support transfers of multiple contacts. Check the target device's documentation.

1. Touch **Contacts**.
2. Touch **Menu** ➔ **Share namecard via**.
3. Touch contacts to mark them for sending or touch **Select all** to mark all contacts.
4. Touch **Done**.
5. At the prompt, choose a sending method, then follow the prompts to send the namecard by using Bluetooth, Email, Gmail, Messaging, or Wi-Fi Direct.

Speed Dials

Speed dials are 1-, 2-, or 3-digit shortcuts you assign to contacts, to allow you to quickly call the contact.

For more information about calling using speed dials, see *"Making a Call Using Speed Dial"* on page 52.

Note: Some speed dials are reserved by default, and cannot be assigned:
Speed dial 1 is reserved for Voicemail.
Speed dial 96 is reserved for data usage inquiries.
Speed dial 97 is reserved for balance inquiries.
Speed dial 98 is reserved for minutes inquiries.
Speed dial 99 is reserved for making payments

Assigning Speed Dials

1. Touch **Contacts**.
2. Touch **Menu** ➔ **Speed dial setting**.
3. Touch an unassigned speed dial, and then touch a contact to assign the contact to the speed dial.

Removing or Reassigning a Speed Dial

1. Touch **Contacts**.
2. Touch **Menu** ➔ **Speed dial setting**.
3. Touch **Menu**, then touch an option:
   - **Change order**: Touch an assigned speed dial, then touch a new speed dial location to change the order.
   - **Remove**: Touch a speed dial to remove it.

Backing Up Contacts

Use Backup Assistant℠ Plus to save a copy of your Contacts to a secure web site.

1. Touch **Contacts**.
2. Touch **Menu** ➔ **Backup**.
3. Follow the prompts to log in to your Backup Assistant account.

For more information, refer to *"Backup Assistant Plus"* on page 158.

Section 4: Call Functions

This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.

For information about configuring call settings, see *"Call"* on page 134.

Your Phone Number

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **About device** ➔ **Status**.

  Your phone number displays in the **My phone number** field.

Phone

Use the Phone app to access the phone Keypad, Recent calls, Favorites, and Contacts.

To access the Phone app:

- From a Home screen or **Apps**, touch **Phone**.

  – or –

  From a Home screen, touch **Contacts** ➔ **Phone**.

Phone App Options

From the **Phone** app, you can access these tabs:

- **Keypad**: Dial using the onscreen keypad.
- **Recent**: Display a list of all dialed, received, and missed calls.
- **Favorites**: Display contacts you have marked as Favorites.
- **Contacts**: Launch the Contacts app.

Making Calls

Your phone offers multiple ways to make calls:

- Use the **Phone Keypad** to enter the phone number or speed dial.
- Call a contact from **Contacts**.
- Call a contact from **Favorites**.
- Return a call, or call a recent caller, from **Recent** calls.
- Voice dial using **S Voice**.

Making a Call Using the Phone Keypad

1. Touch **Phone**.
2. Touch the digits of the telephone number on the **Keypad**.

Tip: To correct a mis-typed entry when dialing, touch to erase a single character or touch and hold to erase the entire string of numbers.

3. Touch **Call** to make the call.

Making Calls from Contacts

A contact is an entry that you have created to store the name, phone numbers, and other information for people or groups of interest.

For more information, see *"Contacts"* on page 37.

1. From a Home screen, touch **Contacts**.
2. Touch a contact to display it, and then touch to dial the default number.

Tip: You can swipe your finger from left to right across the contact record to dial the contact's default number.

Making Calls Using Favorites

Favorites are contacts that you designate as favorites by starring them. For more information about creating favorites, see *"Adding Favorites"* on page 46.

1. From a Home screen, touch **Phone** ➔ **Favorites**.
2. Find the contact to call and touch to dial the number.

Dialing a Recent Number

All incoming, outgoing and missed calls are recorded in the **Recent** calls log. If the number is saved in Contacts, the contact name also displays.

1. From the Home screen, touch **Phone** ➔ **Recent**.
2. Touch a recent call, and then touch to make a call.

Making Emergency Calls

To make an Emergency Call:

1. Touch **Phone**.
2. Enter 9-1-1 and touch **Call**. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.
3. Touch **End call** to exit this calling mode.

Making Calls Using S Voice

Place a call by speaking the name or number.

1. From the Home screen, touch **Phone** ➔ **S Voice**.
2. Follow the prompts to speak a command. You can say commands such as:
   - **Call <Name device>**: Call a contact. For example, “Call Charlie mobile” or “Call Joe work”.
   - **Dial <Phone number>**: Call a spoken phone numbe. for example, “Dial 555-123-1234”.
   - **Redial**: Redial the last number called.

Tip: You can configure S Voice to launch by pressing **Home** twice. From S Voice, touch **Menu** ➔ **Settings** ➔ **Open via the home key**. The setting is off by default.

Making a Call Using Speed Dial

You can assign a shortcut number to a phone number in your Contacts List for speed dialing. For more information, refer to *"Speed Dials"* on page 48.

To make a call using Speed Dial:

1. Touch **Phone**.
2. On the keypad, touch the speed dial digits, holding the last digit.

Answering a Call

You can answer incoming calls when the device is locked or unlocked. When you receive a call, an incoming call screen displays.

To answer a call:

- Touch and drag in any direction.

To reject a call and send it to voicemail:

- Touch and drag in any direction.

To reject a call with a message:

- Touch and drag the **Reject call with message** tab upward.
  - Touch a predefined text message to send to the caller.

  – or –

  - Touch **Create new message** to compose a new message.

Ending a Call

To end a call:

- Touch **End call**.

Recent Calls

The phone stores the numbers of the calls you have dialed, received, or missed in the Call log. The Call log displays the details of the call.

1. Touch **Phone** ➔ **Recent**.
2. A list of recent calls displays. If the number or caller is listed in your Contacts, the associated name displays.

Icons show the type of call:

- **Incoming Calls**:
- **Outgoing Calls**:
- **Missed Calls**:
- **Rejected Calls**:
- **Auto Rejected Calls**:

Returning a Missed Call

To call a missed call number:

1. Touch **Phone** ➔ **Recent**.
2. Tap a recent call, and then tap .

Tip: You can also swipe your finger across the recent call from left to right to call the number.

Sending a Message to a Recent Call

1. Touch **Phone** ➔ **Recent**.
2. Tap a recent call, and then tap .
3. At the New message screen, touch the **Enter message** field and use the onscreen keyboard to enter in a message.
4. When you are done with your message, touch **Send**. For more information, refer to *"Composing a Message"* on page 60.

Tip: You can also swipe your finger across the recent call from right to left to create a new message to the number.

Using a Recent Call to Update a Contact

To use recent call information to create or update a Contact:

1. Touch **Phone** ➔ **Recent**.
2. Touch the call you want to use.
3. Touch **Create contact** to create a new Contact.

   – or –

   Touch **Update existing** to add the number to an existing contact.
4. Enter information into the various fields using the keyboard, and then touch **Save** to save when you are finished.

For further details about the Contacts feature, see *"Creating Contacts"* on page 37.

Deleting a Call from the Call Log

1. Touch **Phone** ➔ **Recent**.
2. Touch and hold the call you want to delete from the Recent calls log.
3. Touch **Delete**, and then follow the prompts to delete the record.

Adding a Call to the Reject List

Your phone automatically rejects calls from numbers on the reject list. For more information about blocking calls, see see *"Call"* on page 134.

1. Touch **Phone** ➔ **Recent**.
2. Touch and hold a call, and then touch **Add to reject list**.
3. Follow the prompts to add the number to the reject list.

Call Duration

View information about call length.

1. Touch **Phone** ➔ **Recent**.
2. Touch **Menu** ➔ **Call duration** to view information:
   - **Last call**: Shows the length of time for the most recent call.
   - **Dialed calls**: Shows the total length of time for all calls made.
   - **Received calls**: Shows the total length of time for all calls received.
   - **All calls**: Shows the total length of time for all calls made and received.
3. To reset these times to zero, touch **Menu** ➔ **Reset**.

Options During a Call

Your phone provides a number of options you can use during a call.

Adjusting the Call Volume

During a call, to adjust the volume, use the Volume key on the left side of the phone.

- Press the **Up** end of the volume key to increase the volume level and press the **Down** end of the volume key to decrease the volume level.

  – or –

  Quickly add more volume to the incoming audio by touching the onscreen **Extra volume** button .

In-Call Options

During a call, you can use options, such as setting up a multi-party call,

- **Add call**: Display the Keypad so you can call another person.
- **Keypad**: Display the onscreen keypad, where you can enter DTMF (Dual Tone Multi-Frequency) tones, such as for navigating menus.
- **End call**: End the call.
- **Speaker**: Switch call sound between the speaker and earpiece.
- **Mute/Unmute**: Control whether the other side of the call can hear you.
- **Headset**: Switch the call to a paired Bluetooth headset.
- Touch **Menu** for more options:
  - **Contacts**: Go to your Contact list.
  - **Memo**: Write a memo.
  - **Message**: Write a message during a call.

Personalizing Call Sound

During a call it may be necessary to adjust the sound of the incoming call by selecting an audio equalizer setting.

- From the call screen, touch , and then choose an option.

Activating Noise Reduction

During a call it may be necessary to activate the noise reduction feature. Activating this feature can improve the quality of your conversation by reducing ambient noise. Noise reduction in on by default.

- From the call screen, touch to turn **Noise reduction** on or off.

Multi-Party Calling

Use multi-party call features to set up a call between multiple callers, such as for a conference call.

1. Establish the first call, by answering an incoming call or making a call.
2. Touch **Add call** to place the first call on hold.
3. Make the second call by touching the phone number digits, then touch **Call**.
4. To merge the calls into one conference call, touch **Merge**.
5. Touch **End call** to end the calls.

Using the Speakerphone During a Call

While in an active call, you can activate the Speaker for hands-free conversations.

- From the call screen, touch **Speaker**.
  - Use the **Volume** key on the side of the phone to adjust the volume.
  - To deactivate the speakerphone, touch **Speaker**.

Muting

You can temporarily switch your phone's microphone off, so that the other person cannot hear you. For example, you may use muting if you want to say something to someone in the room, but do not want the person on the phone to hear what you say.

To use muting during a call:

- From the call screen, touch **Mute** to enable or disable muting.

Switching to a Headset

You can switch call audio to a Bluetooth headset.

To use a Bluetooth headset:

1. Touch **Headset**.
2. The phone will scan for nearby Bluetooth headsets, and connect automatically to a paired headset.
3. Touch **Headset** to switch back to the speaker.

Call Forwarding

You can forward calls to another telephone number.

1. Touch **Phone**.
2. Touch **Menu** ➔ **Call settings** ➔ **Call forwarding** for options:
   - **Activate call forwarding**: Enable call forwarding, and choose whether to forward all incoming calls automatically, or only calls you don't answer.
   - **Deactivate call forwarding**: Disable call forwarding.

Call Settings

Configure settings for calling.

To access Call settings:

- Touch **Phone** ➔ **Menu** ➔ **Call settings**.

  – or –

  From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call**.

For detailed information on all of the call settings, see *"Call"* on page 134.

Voicemail

All unanswered calls to your phone are sent to voice mail, even if your phone is turned off, so you will want to set up your voice mail and personal greeting as soon as you activate your phone.

Setting Up Voicemail

1. From a Home screen, touch **Phone**, then touch and hold 1 .
2. Follow the automated instructions to set up your password and record a greeting.

Checking Voicemail

1. From a Home screen, touch **Phone**, then touch and hold 1 .
2. Follow the automated instructions to manage voicemail.

Section 5: Messaging

This section describes how to send and receive messages.

Types of Messages

Your phone supports various types of messaging:

- Text Messages
- Multimedia (Picture, Video, and Audio) Messages
- Email and Gmail Messages
- Google+ Messages
- Hangouts
- Voicemail

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Note: Messaging service availability depends on your network and service plan. Multimedia Messaging charges apply per your Calling Plan. Monthly plans are available. Higher rates apply for International Multimedia Messaging (when available). Compatible Device required. Consult Verizon Wireless for more information.

Text and Multimedia Messages

Composing a Message

1. From a Home screen, touch **Messaging**.
2. Touch **Compose**, and then enter your message:
   - Touch the **Enter recipient** field to manually enter a recipient or touch to select a recipient from Contacts. You can also select recipients from Groups, Favorites, or Recent calls or messages.
   - Touch the **Enter message** field and use the onscreen keyboard to enter a message.
   - Touch to add an attachment. Adding an attachment changes the message to a multimedia message.
   - Touch **Menu** for more options:
     - **Insert smiley**: Add an emoticon, such as a happy face, to your message.
     - **Add text**: Copy text from contacts, a calendar event, or from a memo to add to your message, or insert a map location or text template.
     - **Add to contacts**: Add the recipient to your Contacts list. This option only appears if the recipient is not already in your Contacts list.
     - **View contact**: See information on the recipient. This option only appears if the recipient is in your Contacts list.
     - **Add slide**: Add a new page to a message.
     - **Add subject**: Add a subject to a message.
     - **Priority level**: Choose a priority level for sending the message, from Normal or High.
     - **Discard**: Delete the current message.

Note: If you exit a message before you send it, it will be automatically saved as a draft.

Viewing New Messages

When you receive a new message, the new message icon will appear at the top of your screen.

1. Drag your finger down from the Status Bar to display the Notification Panel and select the message.

   – or –

   Touch **Messaging**, and then then touch the new message to view it.

2. The selected message appears in the display.

   - To play a multimedia message, touch . To pause playback of the multimedia message, touch .
   - To scroll through the message (if additional slides or text pages have been added), touch the screen and in a single motion, scroll up or down the page.

Message Threads

Messages you send and receive are grouped into conversations, or “threads”. Threads allow you to see all messages to and from the same number together. Threads display in the order they were received, with the latest at the top.

To access conversation options:

- From the main Messaging screen, touch and hold a thread to display the following options:
  - **Delete**: Delete the selected thread.
  - **Save messages**: Save the thread to the saved messages folder.
  - **View contact**: Display the contact (if the number is saved to a contact).
  - **Add to contacts**: Add the number to Contacts (if the number is not already saved to a contact).

To access additional message options:

1. Touch **Messaging**.
2. Touch a conversation to display it, and then touch and hold a message bubble for options:
   - **Resend**: Send the message again, if sending was not successful.
   - **Delete**: Delete the message from the thread.
   - **Copy**: Copy the message to the clipboard.
   - **Forward**: Send the message to another number.
   - **Lock/Unlock**: Protect the message from deletion, or remove protection.
   - **Save message**: Save the message to an optional installed memory card (available if an optional memory card is installed).
   - **View message details**: Display information about the message.

Note: To customize message bubbles, touch **Menu** ➔ **Settings** ➔ **Bubble style**.

Deleting Messages

You can delete individual messages from a conversation.

1. Touch **Messaging**.
2. Touch a conversation to display it, and then touch **Delete**.
3. Touch message(s) to select them for deletion, or touch **Select all**.
4. Touch **Delete**, and then follow the prompts to delete the messages.

Note: If there's only one message in a conversation, you'll just be prompted to delete the message.

Deleting Threads

To delete a single message thread:

1. Touch **Messaging**.
2. Touch and hold a thread, then touch **Delete**.
3. At the **Delete** prompt, touch **OK** to confirm the deletion.

To delete multiple threads:

1. Touch **Messaging**.
2. Touch **Menu** ➔ **Delete threads**.
3. Touch message(s) to mark them for deletion, or touch **Select all**.
4. Touch **Delete**, and then follow the prompts to confirm the deletion.

Search Messages

You can enter keywords to search your messages.

1. Touch **Messaging**.
2. Touch **Menu** ➔ **Search**.
3. Use the onscreen keyboard to enter a word or phrase, then touch **Search**.
4. Messages that contain the word or phrase display.

Saving Messages

You can save individual messages, or an entire message thread, to the phone's internal memory.

1. Touch **Messaging**.
2. Touch and hold a conversation.

   – or –

   Touch a conversation, and then touch and hold a message.
3. Touch **Save message**, and then follow the prompts to edit the default name for the message (if desired) and complete the save.

To view messages that you have saved, access the saved messages folder.

1. From a Home screen, touch **Apps** ➔ **My Files**.
2. Touch **All files** ➔ **Device storage** ➔ **Messaging**.
3. Touch an entry to view the saved message.

   – or –

   Touch the check box to the left of messages you would like to delete, share, move, copy, rename, or view details about the file. Also, touch and hold an entry to display those options.

Messaging Options

Use Messaging options to manage messages, or to configure settings.

1. Touch **Messaging**.
2. Touch **Menu** for options:
   - **Search**: Enter keyword(s) to search messages.
   - **Delete threads**: Delete message thread(s). Select the threads to delete and touch **Delete**.
   - **Draft messages**: Display messages you have created, but not yet sent.
   - **Locked messages**: Display messages you've locked to prevent deletion.
   - **Save messages**: Select messages and save them to the saved messages folder.

Message Settings

Configure message settings.

1. Touch **Messaging**.
2. Touch **Menu** ➔ **Settings** for options:
   - **General settings:**
     - **Restore messages**: Restore saved messages to the Messaging app.
     - **Delete old messages**: When enabled, messages are automatically erased when the number of messages in a thread exceeds the Text message limit or Multimedia message limit. When disabled, the phone will prompt you to delete old messages to make room.

– **Text message limit**: Set the maximum number of SMS messages per thread.
– **Multimedia message limit**: Set the maximum number of MMS messages per thread.
– **Text templates**: Text templates are phrases that you can add to your messages. Use a pre-loaded text template, or create your own.

• **Text message (SMS) settings**:
– **Delivery reports**: When enabled, you receive a delivery report for text messages you send.

• **Multimedia message (MMS) settings**:
– **Delivery reports**: When enabled, you receive a delivery report for multimedia messages you send.
– **Auto retrieve**: When enabled, MMS messages download automatically. When disabled, the phone prompts for download.
– **Roaming auto retrieve**: When enabled, MMS messages download and display automatically when roaming. When disabled, the phone prompts you to download new MMS messages.
– **MMS alert**: When enabled, your device alerts you when a message changes from SMS to MMS, such as when you attach a picture.
– **Group conversations**: When you enter multiple recipients, the message is considered a group message. When this option is enabled, replies to the original message are sent to all recipients.

• **Display**:
– **Bubble style**: Choose the appearance of messages in a message thread. Touch a bubble style for each side of the conversation, then touch **Save**.
– **Background style**: Choose the appearance of the screen behind message threads. Touch a style, then touch **Save**.
– **Use the volume key**: When enabled, you can change the size of message text while viewing by pressing the Volume Key.

• **Notification settings**:
– **Notifications**: When enabled, message alerts display in the Status Bar.

– **Select ringtone**: Choose a sound for message alerts.
– **Vibrate**: Configure vibration for message alerts.
– **Message alert repetition**: Choose the frequency of alerts for new messages.
– **Preview message**: When enabled, a preview of new messages appears in the Status Bar with the message notification.

• **Emergency message settings**
– **Emergency alerts**: This device is designed to receive Wireless Emergency Alerts from the Commercial Mobile Alert System (CMAS), including Presidential Alerts, Imminent Alerts (Severe or Extreme), and AMBER Alerts (missing persons). For more information, see *"Emergency Alerts"* on page 67.
– **Emergency notification preview**: Listen to an example of a Emergency Alert tone (and vibration, if enabled). The Emergency Alert tone plays at the same volume as your call ringtone.
– **Vibrate**: Configure vibration for Emergency Alerts.
– **Alert reminder**: Choose whether, and at what interval, your phone plays a sound to notify you of an Emergency Alert after the Emergency Alert tone has stopped.

• **Signature settings**
– **Add signature**: When enabled, a text signature is added to all messages you send.
– **Signature text**: Enter a text signature to add to messages when Add signature is enabled (available when Add signature is enabled).

• **Callback number**
– **Turn on callback number**: When enabled, a telephone number is included in messages you send.
– **Callback number**: When Turn on callback number is enabled, enter a telephone number to add to messages.
– Touch **Menu** ➔ **Restore default settings** to restore all Messaging settings to their original state.

Emergency Alerts

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alert System (CMAS) which may also be known as the Personal Localized Alerting Network (PLAN). If your wireless provider has chosen to participate in CMAS/PLAN, alerts are available while in the provider's coverage area. If you travel outside your provider's coverage area, wireless emergency alerts may not be available. For more information, please contact your wireless provider.

Emergency Alerts allows customers to receive geographically-targeted messages. Alert messages are provided by the US Department of Homeland Security and will alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency Alert message.

There are three types of Emergency Alerts:

- Alerts issued by the President
- Alerts involving imminent threats to safety of life (Extreme and Severe)
- AMBER Alerts (missing child alert)

Customers may choose not to receive Imminent Threats (Extreme and Severe) and AMBER Alerts. Alerts issued by the President cannot be disabled. To disable Imminent Threats and AMBER Alerts, follow the instructions below:

1. Touch **Messaging**.
2. Touch **Menu** ➔ **Settings**.
3. Scroll downward and touch **Emergency alerts**.
4. Touch an alert option to enable or disable the alert.

Email

Email enables you to review and create email using various email services. You can also receive text message alerts when you receive an important email.

To access the Email app:

- From the Home screen, touch **Email**.

  – or –

  From a Home screen, touch **Apps** ➔ **Email**.

Setting Up Email Accounts

You can configure Email for most accounts in just a few steps.

1. Touch **Email**.
2. The first time you set up an email account, select your email provider.

   – or –

   For subsequent accounts, touch **Menu** ➔ **Settings** ➔ **Add account**. Select your email provider.
3. Follow the prompts to set up your email account.

Switching Between Email Accounts

1. Touch **Email**.
2. Touch the Inbox button at the top of the screen.

   Your Email accounts screen displays.
3. Touch the Email account **Inbox** you would like to make active.

   – or –

   Touch **Combined inbox** to display email messages from all accounts.

Syncing Email Accounts

Syncing refreshes your phone with the account's servers. When you set up an email account, you can choose whether the account syncs in the background, or manually.

- Touch **Email** ➔ **Refresh**.

Removing Email Accounts from Your Phone

To delete an email account from your phone:

1. Touch **Email**.
2. Touch **Menu** ➔ **Settings** ➔ **Account settings**.
3. Touch **Delete account**.
4. Touch each account you want to delete to create a check mark.
5. Touch **Delete** and then touch **OK**.

Composing and Sending Email

1. Touch **Email**.
2. If you have multiple accounts set up, choose an account from the menu at the top of the screen.
3. Touch **Compose**, then touch fields to enter recipients and the email text.
4. While composing a message:
   - Touch **Menu** for options. Available options depend on the type of email account.
   - Touch **Attach** to add a file to the message. Available options depend on the type of email account.
5. Touch the body of the email to enter the text of your email. Touch the text option buttons to edit and format your message text.
6. Touch **Send** to send the message.

   – or –

   Touch **Save** to save the email to the Drafts folder.

Email Settings

Use the Email Settings to configure your Email preferences.

Note: Available settings depend on the email provider.

1. Touch **Email**.
2. Touch **Menu** ➔ **Settings** to configure options:
   - **Display**: Set how email is shown in the email list and when you open them.
   - **Composing and sending**: Set what functions are available while composing and sending email.
   - **Auto advance**: Set the screen to show after deleting a message.
   - **Confirm deletions**: Ask for confirmation before deleting email.
   - **Priority senders**: Enter email addresses that you want treated as a priority.
   - **Spam addresses**: Manage your spam address list.
   - **Rules for filtering**: Create rules for filtering email based on names, address, or subject.
3. Touch an account to configure specific settings. Available options depend on the account.

Gmail

Send and receive emails using Gmail, Google's web-based email.

- From a Home screen, touch **Apps** ➔ **Gmail**.

Setting Up Your Gmail Account

The first time you launch Gmail, your device prompts you to set up your Google account, if you have not already set it up. Once you set up your Google account on your device, Gmail is set up automatically.

1. Touch **Gmail**.
2. Follow the prompts to sign in or create a new account.
3. The device communicates with the Google server to set up your account and synchronize your email.

Tip: You can use more than one Google account on your device. To add another Google account, touch **Menu** ➔ **Settings** ➔ **ADD ACCOUNT**.

Refreshing Your Gmail Account

Syncing refreshes your device with the account's servers. When you set up an email account, you can choose whether the account syncs in the background or manually.

- Touch **Gmail** ➔ **Menu** ➔ **Refresh**.

Gmail Settings

Use settings to configure your Gmail preferences.

1. Touch **Gmail**.
2. Touch **Menu** ➔ **Settings** for options.

Composing and Sending Gmail

1. Touch **Gmail**.
2. Touch , then touch fields to compose the message.

   While composing, touch **Menu** for options.
3. Touch **SEND** to send.

Google+

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Hangouts for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

Visit google.com/mobile/+ to learn more.

Note: This app requires a Google Account.

- From a Home screen, touch **Apps** ➔ **Google+**.

Hangouts

Hangouts is a free web-based application for instant messaging offered by Google. You can connect with your friends across computers and various Android devices. You can have conversations or video calls with up to 10 friends.

Visit google.com/+/learnmore/hangouts to learn more.

Note: This app requires a Google Account.

- From a Home screen, touch **Apps** ➔ **Hangouts**.

Section 6: Multimedia

This section explains how to use the multimedia features of your phone, including Music, Google Play Music, Video, Play Movies & TV, Gallery, Camera, and Camcorder.

Music

Music is an application that can play music files. Launching Music allows you to navigate through your music library, play songs, and create playlists.

Playing Music

1. From a Home screen, touch **Apps** ➔ **Music**.
2. Touch a library category at the top of the screen (Songs, Playlists, Albums, Artists, or Folders) to view the available music files.
3. Scroll through the list of songs and touch an entry to begin playback.
4. The following Music controls are available:

Streams the current music file to another device via Samsung Link.

Volume control and SoundAlive.

Volume control showing volume muted.

Shuffles the current list of songs randomly.

Songs play in order and are not shuffled.

Assign the current song as a Favorite.

Plays the entire song list once.

Replays the current list when the list ends.

Repeats the currently playing song.

Displays the current song in the player window.

Touch and hold to rewind the song. Touch to go to previous song.

Pause the song.

Start the song after pausing.

Touch and hold to fast-forward the song. Touch to go to next song.

Lists the current playlist songs.

Music Options

To access additional options, follow these steps:

1. From a Home screen, touch **Apps** ➔ **Music**.
2. Touch **Menu** to configure options:
   - **Backup+ Media**: Launch Backup Assistant^{SM} Plus to back up this song.
   - **Add to playlist: A**dd the current music file to a selected playlist.
   - **Via Bluetooth**: Scan for devices and pair with a Bluetooth headset.
   - **Delete**: Delete the music file.
   - **Search**: Search your device for a certain song.
   - **Scan for nearby devices**: Scan for nearby devices in order to share music.
   - **Settings**: Change your Music settings. For more information, refer to *"Music Settings"* on page 74.
   - **End**: Close the Music app.

Note: Available options depend on whether or not music is actually playing. Also, options will be different if the song you are listening to is in a playlist.

Music Settings

The Music Settings menu allows you to set preferences for the Music app such as whether you want the music to play in the background, sound effects, and how the music menu displays.

1. From a Home screen, touch **Apps** ➔ **Music**.
2. Touch **Menu** ➔ **Settings**.
3. Select one of the following settings:
   - **Music menu**: Select which categories you want to display. Choices are: Albums, Artists, Genres, Music square, Folders, Composers, Years, Most played, Recently played, and Recently added. Touch each item that you want to display in the Music menu.
   - **SoundAlive**: Set a type of equalization such as Normal, Pop, Rock, Jazz, Dance, Classic, and so on.
   - **Play speed**: Set the play speed anywhere between 0.5X and 2.0X using the slider.
   - **Music auto off**: When activated, music will automatically turn off after a set interval.
   - **Lyrics**: When activated, displays lyrics when available.
   - **Smart volume**: Automatically adjusts each track's volume to an equal level.
   - **Voice control**: Use voice commands to control the Music app.

Using Playlists

Playlists are used to assign songs to a list of preferred media which can then be grouped into a list for later playback. These Playlists can be created via either the handset's Music options menu or from within a 3rd party music application (such as Windows Media Player) and then downloaded to the handset.

Creating a Playlist

1. From a Home screen, touch **Apps** ➔ **Music**.
2. Touch the **Playlists** tab.
3. Touch **Menu** ➔ **Create playlist**.
4. Type a name for this playlist in the field and touch **OK**.

Adding Music to a Playlist

To add files to the playlist:

1. From a Home screen, touch **Apps** ➔ **Music**.
2. Touch the **Playlists** tab.
3. Touch a playlist name and then touch **Add music**.
4. Touch a music file or touch **Select all** to add all the music tracks to this playlist.
5. Touch **Done**.

Removing Music from a Playlist

To remove music files from a playlist:

1. From a Home screen, touch **Apps** ➔ **Music**.
2. Touch the **Playlists** tab.
3. Touch the desired playlist name.
4. Touch **Menu** ➔ **Remove**.
5. Touch the checkbox to the left of each track you want to remove from this playlist. Touch **Select all** to remove all the music tracks from this playlist
6. Touch **Remove**.

Editing a Playlist

Besides adding and removing music files in a playlist, you can also rename the playlist.

To edit a playlist:

1. From a Home screen, touch **Apps** ➔ **Music**.
2. Touch the **Playlists** tab.
3. Touch **Menu** ➔ **Edit title**.
4. Touch a playlist name to edit.
5. Enter a new name for the playlist then touch **OK**.

Google Play Music

With Google Play Music, you can play music that you have added to your music file as well as any music you copied from your PC. While offline, you can listen to music you have copied from your PC.

1. From a Home screen, touch **Apps** ➔ **Play Music**.
2. Follow the onscreen instructions to locate and play music.
3. To configure Play Music settings, touch **Menu** ➔ **Settings**.
4. For more information, touch **Menu** ➔ **Help**.

Video

The Video application plays video files stored on your phone or microSD card.

1. From a Home screen, touch **Apps** ➔ **Video**.

   All videos that you have on your phone and memory card (not included) display.
2. Touch the video that you want to play. The video will begin to play.
3. The following video controls are available:

Streams the current music file to another device via Samsung Link.

Volume control.

Volume control showing volume muted.

Full-screen in ratio view. The video is enlarged as much as possible without becoming distorted.

Full-screen view. The entire screen is used, which may cause some minor distortion.

Original size view. The video will be played in its original size.

Stretch to fit. The video is enlarged to fit the screen without becoming distorted.

Touch and hold to rewind the video. Touch to go to previous video.

Pause the video.

Start the video after being paused.

Touch and hold to fast-forward the video. Touch to go to next video.

Note: The screen view icons (full-screen in ratio, full-screen, original size, and stretch to fit) are a four-way toggle. Tap the icon to toggle through the options.

Play Movies & TV

With Google Play Movies & TV, you can rent thousands of different movies and television shows. You can watch instantly, or download your movie or show for offline viewing at a later time.

1. From a Home screen, touch **Apps** ➔ **Play Movies & TV**.
2. Log on to your Google account if you have not already done so.
3. Following the onscreen instructions for renting and viewing movies and TV shows.
4. To configure Play Movies & TV settings, touch **Menu** ➔ **Settings**.
5. For more information, touch **Menu** ➔ **Help**.

Gallery

The Gallery can be used to view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a photo message.

To access the Gallery:

1. From a Home screen, touch **Apps** ➔ **Gallery**.

   All of the Albums that hold your photos and videos display with folder name and number of files.

2. Touch an Album to display its contents as thumbnails.

Viewing Photos

To view photos:

1. Touch a thumbnail to view a single photo.
2. Tap the screen to display options:

   Change player: Select a DLNA-enabled device.

   Share via: Share the photo by using Group Play, Kindle, Bluetooth, Email, and so on.

   Delete: Delete the photo.

   Camera: Activate the camera.

3. Touch **Menu** for additional options.

Editing a Photo

You can edit your photos using the built-in Photo editor application on your device. The photo editor application provides basic editing functions for photos that you take on your phone. Along with basic image tuning like brightness, contrast, and color it also provides a wide variety of effects used for editing the photo.

1. From a Home screen, touch **Apps** ➔ **Gallery**.
2. Select a folder location and touch a file to open it.
3. With the image displayed, touch **Menu** ➔ **Edit** to launch the Photo Editor or Paper Artist.
4. Touch **Photo Editor** and download the app, if necessary.
5. Select an image area by touching and holding the image and then selecting an available option:
   - **Selection mode**: Provides several onscreen selection options such as: Select area, Inverse selection, Selection size, and Selection mode (Magnetic, Lasso, Brush, Round, and Square).
   - **Clipboard**: Copy the currently selected area to your device's clipboard.
   - **Select all**: Select the entire area of the current image.
6. Use the following editor controls to edit your photo:

Undo: Undo the last operation made on a photo.

Redo: Redo the last operation made to a photo after performing an Undo.

Transform: Touch to display the following options:

Rotate: Rotate a photo in all four directions. You can also mirror image a photo.

Crop: Crop (cut-out) an area of a photo.

Color: Auto adjust color, Brightness, Contrast, Saturation, Adjust RGB, Temperature, Exposure, and Hue of a photo.

Effects: Add various effects to your photo.

Decoration: Touch to display the following options:

Frame: Places a pre-created border style on top of your current image.

Sticker: Place various pre-created onscreen stickers atop your current image.

Multi-grid: Split the photo into 2, 3, or 4 parts.

Drawing: Draw directly on your current photo by using either a brush/pen or eraser.

7. Touch **Menu** to access the following options:
   - **Save as**: Rename your current image and save it to your gallery.
   - **Select image**: Select a new image for editing.
   - **Take picture**: Activate the camera and take a new photo for editing.
   - **Share via**: Share your saved photo by using Kindle, Bluetooth, Email, and so on.
   - **Set as**: Assign the currently saved image as either a Contact photo, Home and lock screens, Home screen, or Lock screen.

Viewing Videos

Note: If no control icons aren't displayed on the screen, touch anywhere on the screen to display them.

1. Touch a video to select it.
2. Touch to play the video.
3. Touch **Menu** for additional options.

For video player controls, see *"Video"* on page 76.

Using S Beam to Share Photos

When this feature is activated with NFC, you can beam large files directly to another compatible device that is in direct contact. For example, these large files can be Videos or HD photos. You can beam images and videos from your gallery, music files from your Music, and more.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **More settings**.
2. If not already active, touch the **OFF/ON** button to turn NFC ON.
3. Touch **S Beam** and make sure the feature is turned on. If not already active, touch the **OFF/ON** button to turn S Beam ON.
4. On the source device, which contains the desired image or video, touch **Apps** ➔ **Gallery**.
5. Locate and touch the selected image to open it in the preview window.
6. Place the two devices back to back to begin.

   Note: If the **Touch to beam** screen does not display on the source device:

   - Pull them apart.
   - Verify the image is visible in the preview window on the source device (providing the file).
   - Place them together again.
7. From the **Touch to beam** screen, touch the reduced image preview to begin the transfer.
8. When prompted, separate the two devices. After a few seconds (depending on file size), the transferred file will display on the recipient's screen.

Sharing Multiple Photos with S Beam

To share multiple photos with S Beam:

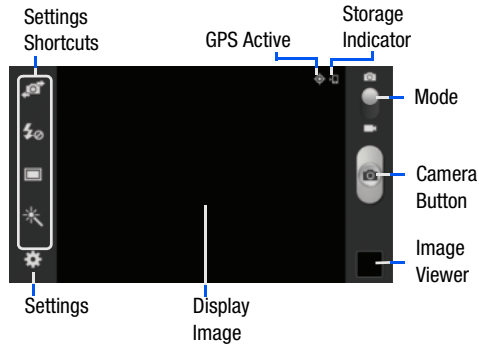
1. On the source device (containing the desired image or video), touch **Apps** ➔ **Gallery**.
2. Locate the selected folder.
3. Touch and hold the first image and place a check mark on it and all desired images.
4. Place the two active NFC-enabled devices back to back to begin.
5. From the **Touch to beam** screen, touch the reduced image preview to begin the transfer.
6. When prompted, separate the two devices.
7. The photos are transferred to the other device.

Camera

You can take photographs and record video with your phone's built-in Camera.

Taking a Photo

Taking photos with your device's built-in camera is as simple as choosing a subject, pointing the camera, then touching the Camera button.



1. From a Home screen, touch **Camera**.
2. Using the phone's screen as a viewfinder, compose the picture by aiming the camera at the subject. You can use these options while composing a picture:
   - Zoom in or out by pressing the Volume Key, or by pinching or spreading two fingers on the screen.
   - Use Camera Settings to choose options for your picture.
   - Tap the screen to focus on the area you touched.
3. Touch the Camera button to take a photo. The photo is automatically saved within your designated storage location.

Tip: After taking a picture, you can tap Image viewer to view the picture.

Sound and Shot

The Sound & shot feature adds up to nine seconds of audio to your photos.

To take a photo with sound:

1. From a Home screen, touch **Camera**.
2. Touch **Settings** → **Shooting mode** → **Sound & shot**. To set the camera to record sound before or after taking a photo, touch **Pre-shot** or **Post-shot**.

Camera Settings

Before you start taking photos, use the camera settings to configure the camera for best results. Camera settings are represented by icons on the left side of the screen.

Editing Camera Settings Shortcuts

The first five icons are actually shortcuts to camera settings. These five shortcuts can be customized to fit your preference.

Self-portrait, **Flash**, **Shooting mode**, and **Effects** are default settings shortcuts.

To customize these shortcuts:

1. From a Home screen, touch **Camera**.
2. Touch **Settings** ➔ **Edit shortcuts**.

   – or –

   Touch and hold any of the shortcut icons to edit them.
3. Touch and hold a setting, then drag and drop it on one of the five settings shortcuts to the left. The replaced setting shortcut displays in the edit list.

Configuring Camera Settings

To configure Camera settings:

- While in Camera mode, touch a settings shortcut or touch **Settings** to configure the following camera settings:
  - **Edit shortcuts**: Customize your settings shortcuts. For more information, refer to *"Editing Camera Settings Shortcuts"* on page 84.
  - **Burst shot**: Take eight photographs in quick succession, and you can select and save the best.
  - **GPS tag**: Turn GPS On or Off (also known as Geotagging). The location of where the photo is taken is attached to the photo. Before you can use the GPS tag (Geotagging), from a Home screen touch **Menu** ➔ **Settings** ➔ **Location services** and touch **GPS & Verizon location services** to create a check mark. For more information, refer to *"Location Services"* on page 147.
  - **Self-portrait**: Set the front camera so you can take photos of yourself.
  - **Flash**: Set the flash options to Off, On, or Auto flash.

- **Shooting mode**: Set the shooting mode.
- **Effects**: Change the color tone or apply special effects to the photo.
- **Scene mode**: Set the Scene to help take the best photos possible.
- **Exposure value**: Adjust the brightness level by moving the slider.
- **Focus mode**: Set this option to Auto focus or Macro. Use Macro mode to take close-up photos.
- **Timer**: Set a timer for how long to wait before taking a photo.
- **Resolution**: Choose a size for the photo.
- **White balance**: Set the light source.
- **ISO**: ISO determines how sensitive the light meter is on your digital camera. Use a lower ISO number to make your camera less sensitive to light, a higher ISO number to take photos with less light, or Auto to let the camera automatically adjust the ISO for each of your shots.
- **Metering**: Select a method for measuring light.
- **Auto contrast**: Get a clear image even under backlight circumstances where intensity of illumination can vary excessively.
- **Guidelines**: Turn the guidelines On or Off.
- **Auto share shot**: Easily connect to the devices you want to share photos with and then bring the devices back together (back to back) to connect them.
- **Anti-shake**: Reduce image blur due to the movement of the subject of the photo or hand movement.
- **Contextual filename**: Add your location as part of the filename. You must first activate GPS tag described above.
- **Voice control**: Take photos using your voice. You can use words such as Capture, Shoot, Smile, and Cheese.
- **Image quality**: Choose a quality setting for photos.
- **Storage**: Configure the default storage location for images or videos as either Device or Memory card (not included), if inserted.
- **Reset**: Reset all camera settings to the default values.

Viewing Your Photos

After you take a photo, you can access various options from the Image Viewer. The Image Viewer uses your Gallery. For more information, refer to *"Gallery"* on page 78.

Recording a Video

Use your device's built-in Camcorder to record videos.

1. From the Home screen, touch **Camera**.
2. Slide the **Mode** button to the **Camcorder** setting.
3. Using the phone's screen as a viewfinder, compose the video by aiming the camera at the subject. You can use these options while composing a video:
   - Zoom in or out by pressing the Volume Key, or by pinching or spreading two fingers on the screen.
   - Use Camera Settings to choose options for your video.
   - Tap the screen to focus on the area you touched.
4. Touch **Record**.
   - To pause recording, touch **Pause**.
5. To stop recording, touch **Stop** to stop the recording and save the video file to your Camera folder.
6. Once the file has been saved, touch the image viewer, then touch to play your video for review.

Tip: To capture an image from the video while recording, touch . This feature is not available when the anti-shake feature is activated.

Camcorder Settings

Before you start taking videos, use the camcorder settings to configure the camcorder for best results. Camcorder settings are represented by icons on the left side of the screen.

Editing Camcorder Settings Shortcuts

As with the camera, the first five icons are actually shortcuts to camcorder settings. These five shortcuts can be customized to fit your preference.

Self-recording, **Flash,** **Recording mode**, and **Effects** are default settings shortcuts.

To customize these shortcuts, see *"Editing Camera Settings Shortcuts"* on page 84.

Configuring Camcorder Settings

To configure Camcorder settings:

1. From the Home screen, touch **Camera**.
2. Slide the **Mode** button to the **Camcorder** setting.
3. While in Camcorder mode, touch a settings shortcut or touch **Settings** to configure the following settings:

- **Edit shortcuts**: Customize your settings shortcuts. For more information, refer to *"Editing Camera Settings Shortcuts"* on page 84.
- **GPS tag**: Turn GPS On or Off. For more information, refer to *"Configuring Camera Settings"* on page 84.
- **Self-recording**: Set the front camera so you can take videos of yourself or video chat.
- **Flash**: Set the flash options to Off or On. When you set the flash to On, it stays on continually while you are taking a video.
- **Recording mode**: Set the recording mode to: Normal, which is limited only by available space on the destination location; Limit for MMS, which is limited by MMS size restrictions; Slow motion, which records in slow motion; and Fast motion, which records in fast motion.
- **Effects**: Apply an effect to videos.
- **Exposure value**: Adjust the brightness level by moving the slider.
- **Timer**: Set a timer for how long to wait before taking a video.

- **Resolution**: Set a size for the video.
- **White balance**: Set the light source.
- **Guidelines**: Turn the guidelines On or Off.
- **Anti-shake**: Reduce image blur due to the movement of the subject of the photo or hand movement.
- **Contextual filename**: Add your location as part of the filename. You must first activate GPS tag described above.
- **Video quality**: Choose a quality setting for videos.
- **Storage**: Configure the default storage location for images or videos as either Device or Memory card (not included), if inserted.
- **Reset**: Reset all Camcorder settings to the default values.

Viewing Your Videos

After you take a video, you can access various options from the Image Viewer. The Image Viewer uses your Gallery and the Video Player. For more information, refer to *"Gallery"* on page 78. Also, see *"Video"* on page 76.

Section 7: Connections

This section describes the various connections your phone can make including Wi-Fi, NFC, S Beam, Bluetooth, and Connecting your PC.

Wi-Fi

About Wi-Fi

Wi-Fi (short for "wireless fidelity") is a term used for certain types of Wireless Networks. Wi-Fi communication requires access to an existing and accessible Wireless Access Point (WAP). These WAPs can either be Open (unsecured) as within most Hot Spots, or Secured (requiring knowledge of the name and password).

Configuring Wi-Fi Settings

You can configure your device's Wi-Fi settings. For more information, see *"Settings"* on page 122.

Turning Wi-Fi On or Off

When you turn Wi-Fi service on, your device automatically searches for nearby available Wi-Fi networks.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.
2. Touch the **OFF/ON** button to turn Wi-Fi ON or OFF .

You can also turn Wi-Fi on or off from the Notification Panel:

1. Swipe downward from the top of a Home screen to display the Notification Panel.
2. Touch **Wi-Fi** to turn Wi-Fi on or off.

Connect to a Wi-Fi Network

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.

   The network names and security settings (Open network or Secured with WEP) of detected Wi-Fi networks are displayed in the Wi-Fi networks section.

2. Touch the network you want to connect to.

   - When you select an open network, you will be automatically connected to the network.
   - Enter a password if necessary.

Manually Add a New Network Connection

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.
2. Touch **Add Wi-Fi network**.
3. Enter the **Network SSID**. This is the name of your Wireless Access Point.
4. Touch the **Security** field and select a security option. This must match the current security setting on your target WAP.
5. If secured, you will also need to enter your WAP's password.
6. Touch **Show advanced options**, if you need to add advanced options such as Proxy settings, IP settings, or Key management.
7. Touch **Connect** to store the new information and connect to your target WAP.

Note: The next time your device connects to a previously accessed or secured wireless network, you are not prompted to enter the WAP key again, unless you reset your device back to its factory default settings.

Manually Scan for a Wi-Fi Network

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.
2. Touch **Scan**.

   All available Wi-Fi networks are displayed.

Wi-Fi Status Indicators

The following icons show your Wi-Fi connection status at a glance:

Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Displays when there is a Wi-Fi access point available but you are not connected to it. May also display if there is a communication issue with the target Wireless Access Point (WAP).

Displays when connected to another device using Wi-Fi Direct. For more information, refer to *"Wi-Fi Direct"* on page 91.

Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

Note: See your service plan for applicable charges for Wi-Fi Direct.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.
2. Touch the **OFF/ON** button to turn Wi-Fi ON .
3. At the bottom of the Wi-Fi screen, touch **Wi-Fi Direct**.
4. Repeat **Steps 1 - 3** on the other device with which you want to connect.

   The steps on the other device may vary depending on the device. Refer to the documentation for that device.
5. On your phone, touch **Scan** to scan for other Wi-Fi Direct devices.
6. Once the device you want to connect to displays, touch it.

7. The other device has 2 minutes to touch **Accept** for the connection to be made.
8. Once connected, the other device will show as **Connected** in your list of Wi-Fi Direct devices and the icon will display at the top of your screen.

Sharing Information with Connected Device

To share Videos, Photos, or other information with the connected device, follow these steps:

1. View the information that you want to share. For example, if you want to share a photo, find the photo in your camera viewer or **My Files** folder, then touch the **Share, Share via,** or **Send via** option.
2. Touch the **Wi-Fi Direct** option.
3. Touch the connected device name. For example, Android_55ca.
4. Touch **Done**.

The file is transferred and the other device will receive a screen notification that a Wi-Fi file has been received. The file can be found in **My Files** ➔ **All files** ➔ **Device storage** in the **ShareViaWifi** folder.

Note: Depending on the other device model, the prompts and shared folder information may differ.

NFC

Use NFC (Near Field Communication) to share information between your device and another NFC device by beaming, typically by touching the devices together back-to-back.

Your device uses NFC for the S Beam feature. NFC must be turned on to use S Beam.

To activate NFC on your device, see *"NFC"* on page 130.

Android Beam

When enabled, beam application content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more.

To activate Android Beam, see *"Android Beam"* on page 131

S Beam

Share more and share it faster with S Beam. From photos to documents, large video files to maps, you can share almost anything instantly with one touch, simply by placing your devices back-to-back.

S Beam uses your device's NFC (Near Field Communication) feature to send, or *beam*, content to other NFC and Wi-Fi Direct devices, by holding the devices close together.

S Beam works in the background. Use the sharing options from your favorite apps to select content to share via S Beam. For example, you can beam pictures or videos from Gallery, or songs from Music player. Just bring the devices together (typically back-to-back), then tap the screen.

For more information, refer to *"S Beam"* on page 131.

Bluetooth

About Bluetooth

Bluetooth is a short-range communications technology that is used to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless devices. The Bluetooth communication range is usually up to approximately 30 feet.

Configuring Bluetooth Settings

Configure your device's Bluetooth settings. For more information, see *"Bluetooth"* on page 124.

Note: Bluetooth profiles are specifications for services supported by individual devices. For a list of profiles your device supports, see *"Bluetooth Profiles"* on page 94.

Turning Bluetooth On or Off

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Bluetooth**.
2. Touch the **OFF/ON** button to turn Bluetooth ON or OFF .

   The Bluetooth icon displays at the top of your screen when Bluetooth is enabled.

You can also turn Bluetooth on or off from the Notification Panel:

1. Swipe downward from the top of a Home screen to display the Notification Panel.
2. Touch **Bluetooth** to turn Bluetooth on (green) or off (gray).

Bluetooth Status Indicators

The following icons show your Bluetooth connection status at a glance:

Displays when Bluetooth is active.

Displays when Bluetooth is connected (paired) and communicating.

Bluetooth Profiles

Bluetooth profiles are specifications for services supported by individual devices. Profiles improve the ability of different devices to work together. Your phone supports these Bluetooth profiles:

- **Headset**: HSP v1.2 profile supports use of compatible Bluetooth headsets for mono voice.
- **Handsfree**: HFP v1.5 profile supports Bluetooth headsets, and may also support other compatible Bluetooth devices with speakerphone capabilities.
- **Stereo**: A2DP v1.2, AVRCP v1.0, GAVDP 1.2, AVCTP 1.3 and AVDTP 1.2 profiles support delivery of stereo audio to compatible Bluetooth devices.
- **Object Exchange**: OPP v1.0 profile allows sending and receiving of contact name cards (vCard 2.1) and calendar events (vCalendar) between devices. PBAP v1.2 supports exchange of Phone Book Objects.
- **Human Interface Devices**: HID v1.0 profile supports certain interface devices.
- **Personal Area Networking**: PAN 1.0 supports exchange of data with other devices.

- **Message Access Profile**: MAP 1.0 allows exchange of text messages between devices, such as with an automotive hands-free device.
- **Health Device Profile**: HDP allows communication with medical devices.

Note: This device does not support all Bluetooth profiles. For vehicle/accessory compatibility, visit verizonwireless.com/bluetoothchart.

Pairing with a Bluetooth Device

Use the Bluetooth pairing process to establish a trusted connection between your device and another Bluetooth device. Paired devices share a passkey, which allows for fast, secure connections while bypassing the discovery and authentication process.

After pairing, your device and the target device will recognize each other and exchange information without a passcode or PIN.

To pair your device with another Bluetooth device:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Bluetooth**.
2. Touch the **OFF/ON** button to turn Bluetooth ON.
3. Touch **Scan**.

   Your device will display a list of discovered in-range Bluetooth devices.
4. Touch a device from the list to initiate pairing.
5. Enter the passkey or PIN code, if needed, and touch **OK**.
6. The external device will then have to also accept the connection and enter your device's PIN code.

   Once successfully paired to an external device, **Bluetooth paired** appears within the Status Bar.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth compatible devices.

Disconnecting a Paired Device

Disconnecting a paired device breaks the connection between the device and your phone, but retains the knowledge of the pairing. At a later point when you want to reconnect the device, there is no need to setup the connection information again.

1. Verify your Bluetooth is active.
2. From the Bluetooth settings screen, touch the previously paired device (from the bottom of the page).
3. Touch **OK** to confirm disconnection.

Unparing a Paired Device

Unpairing a device from your list removes its "connection record" and upon reconnection would require that you re-enter all the previous pairing information.

1. Verify your Bluetooth is active.
2. From the Bluetooth settings screen, touch next to the previously paired device. This opens the connected device's menu options.
3. Touch **Rename** to change the name of the paired device.
4. Touch **Unpair** to delete the paired device.

Sending Contacts with Bluetooth

Depending on your paired devices' settings and capabilities, you may be able to send photos, Contact information, or other items using a Bluetooth connection. Sharing a contact's information is an example of this process.

Note: Prior to using this feature, Bluetooth must first be enabled, and the recipient's device must be visible.

1. Verify your Bluetooth is active.
2. From a Home screen, touch **Apps** ➔ **Contacts**.
3. Touch **Menu** ➔ **Share namecard via**.
4. Touch each contact that you would like to send via Bluetooth. A green check mark will appear next to each entry you select.
5. Touch **Done**.
6. Touch **Bluetooth** and select the paired device to send the contacts to.

Note: The external Bluetooth device must be visible and communicating for the pairing to be successful.

7. A Bluetooth share notification will appear in your notifications list.

Mobile Hotspot

Use your phone as an Access Point (AP), to share your phone's Internet connection with other devices.

Enable Mobile Hotspot

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Touch **More settings** ➔ **Mobile Hotspot**.
3. Touch **Mobile Hotspot**. Touch **OFF/ON** to enable Mobile Hotspot.
4. Touch to control which devices may connect to your Hotspot:
   - **All devices**: Allow all devices to connect.
   - **Allowed devices only**: Limit connections to only those devices in your Allowed devices list.

Connect a Device

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Touch **More settings** ➔ **Mobile Hotspot**.
3. Touch **OFF/ON** to enable Mobile Hotspot.
4. If the target device is not in your Allowed devices list, tap ➔ **All devices**.
5. On the target device, activate Wi-Fi and scan for Wi-Fi hotspots. Select the name of your phone and enter your Hotspot password (if required).

Note: Follow the target device's instructions for activating Wi-Fi and connecting to your phone.

Allowed Devices

You can limit connections to your Mobile Hotspot to only those devices in your Allowed Devices list.

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Touch **More settings** ➔ **Mobile Hotspot**.
3. Touch **OFF/ON** to enable Mobile Hotspot.
4. Touch **Allowed devices** to view the Allowed Devices list.
5. To add a new device to the Allowed devices list:
   - Touch **Add device**.
   - Enter the device's name and MAC address.
6. To remove a device from the Allowed devices list:
   - Touch **Delete**.
   - Touch each device you want to delete, or tap **Select all**.
   - Touch **Delete**.

Note: Using your phone as a mobile hotspot consumes battery power and uses data service. While Mobile Hotspot is active, your phone's applications will use the Mobile Hotspot data service. Roaming while using your phone as a mobile hotspot will incur extra data charges.

Mobile Hotspot Settings

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Touch **More settings** ➔ **Mobile Hotspot**.
3. Touch **Configure** for options:
   - **Network SSID**: Enter a name for your hotspot. This name will be displayed in the other device's Wi-Fi networks listing.
   - **Hide my device**: Do not display your phone's name in the other device's Wi-Fi networks listing.
   - **Security**: Set the network connection to Open (no security) or WPA2 PSK (requires a password).
   - **Password**: Enter a security password. Touch **Show password** to display it.
   - **Show advanced options**: Set the Broadcast channel.
4. Touch **Menu** for additional options:
   - **Timeout settings**: Set the length of time your device will be available as a Mobile Hotspot.

Tethering

Use feature lets you share your phone's mobile data connection via USB or Bluetooth.

Important! Tethering consumes battery power and increases your data usage. Roaming while using tethering will incur extra data charges.

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Touch **More settings** ➔ **Tethering**.
   - **Mobile Broadband Connect**: Share your mobile data connection via USB.
     – Connect your phone to your PC using a USB cable and touch **USB tethering** to activate the feature. Follow the onscreen instructions to use USB tethering.
   - **Bluetooth tethering**: Share your mobile data connection via Bluetooth.

– Activate Bluetooth and make sure your device is visible, then touch **Bluetooth tethering** to activate the feature. For more information, refer to *"Bluetooth"* on page 93..

- **Help**: Learn about using tethering.

Connecting to a Computer

Connect your device to a computer to transfer data between your device and the computer. Use the USB cable that comes with your device, or use one of the pre-loaded apps on your device to connect wirelessly.

Transferring Data

Connect your device to a computer, via USB cable, to transfer data as a Media device using MTP (Media Transfer Protocol), or as a Camera using PTP (Photo Transfer Protocol).

1. Attach your phone to the computer with a USB data cable. Your phone recognizes the connection as the last connection method you used, and displays a connection alert in the Status Bar and Notifications.
2. From the Home screen, sweep your finger downward to display Notifications. Touch the alert.
3. Select a connection method:
   - **Media device (MTP)**: Transfer media files with Windows, or using Android file transfer on a Mac (see android.com/filetransfer).
   - **Camera (PTP)**: Transfer photos using camera software, and transfer files to computers that do not support MTP.
4. On your computer, choose a method for accessing your device. Available options depend on the programs installed on your computer.
5. Transfer files to the memory card (not included). When finished, you can disconnect the USB cable.

Kies Air

Manage content saved on your device via your desktop or mobile browser using Wi-Fi technology. The pre-loaded Kies air app connects via Wi-Fi to the Kies application, which you can install on your computer.

For more information, visit: samsung.com/us/kies.

Note: To sync your device to a PC, it is highly recommended that you install Samsung Kies, which is available at samsung.com/us/kies (for Windows/Mac).

Connecting to Video Devices

You can connect your phone to video devices, such as a TV, dock, or gaming system, to view content from your phone on the other device. This type of connection uses an optional 11-pin HDTV Smart Adapter (not included), to connect your phone's USB/Accessory Port to the other device's HDMI port.

Note: Your phone has an 11-pin USB/Accessory Port, and supports 11-pin USB cables, which are compatible with existing USB charging and other accessories, but may not be compatible with other 5-pin cables and ports. If you have an HDTV Smart Adaptor that is not labeled for use with the Galaxy S III, an MHL™ Cable Adapter (not included) is required to connect your Galaxy S III to your HDTV.

Section 8: Applications

This section contains a description of each application that is available on the Apps screen, its function, and how to navigate through that particular application. If the application is described in another section of this user manual, then a cross reference to that description is provided.

Managing Applications

The Apps screen displays all applications installed on your phone, including apps you download and install.

From Apps, you can change the way apps appear on the screen, uninstall apps you have downloaded, and share apps with friends. When you install new apps, new screens are added to hold them.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens, if it is not there by default. For details, see *"Shortcuts"* on page 24.

Downloading and Installing Apps

Find new apps to download and install on your device from the **Google Play Store**. For more information, see *"Play Store"* on page 116.

Updating Applications

Once you have registered your device and signed into your Google account (see *"Setting Up Your Gmail Account"* on page 70), you may see the **Updates Available** notification in the Notification Bar if there is a new version of one or more apps available or, when you open an application that is preloaded on your device, an **Update Available** message may be displayed.

To update the applications:

1. Touch the top of the screen and swipe downward.

   The Notification Panel displays.

2. Touch **Updates available**.

For more information, refer to *"Updates to Downloaded Apps"* on page 118.

Uninstalling Apps

You can uninstall apps you download and install. Pre-loaded apps cannot be uninstalled.

1. From a Home screen, touch **Apps**.
2. Touch **Menu** ➔ **Uninstall**.
3. Apps that can be uninstalled show on their icon. Touch , and then follow the prompts to uninstall the app. Pre-loaded apps cannot be uninstalled.

Customizing the Apps Screens

The Apps icons can be arranged in various ways. To change the arrangement of the Apps icons:

1. From a Home screen, touch **Apps**.
2. Touch **Menu,** and then touch **View type**.
3. Choose an option:
   - **Customizable Grid**: The default view, which allows you to touch and hold on apps to move them from screen to screen.
   - **Alphabetical grid**: Icons are arranged in a grid, in A-Z order.
   - **Alphabetical list**: Icons display in a list, sorted from A-Z.

To manually change the order of the icons on the Apps screen:

1. From a Home screen, touch **Apps**.
2. Touch **Menu,** and then touch **Edit**.
3. Touch and hold an icon and drag it to a new position.
4. Touch **Save** to save the changes.

You can place shortcuts to applications on the Home screen for quick access to the application. For more information, refer to *"Adding a Shortcut from Apps"* on page 25.

To view your downloaded applications:

1. From a Home screen, touch **Apps**.
2. Touch **Download** to view downloaded apps.
3. Touch an icon on the **Downloaded applications** screen to launch the application.

   – or –

   Add an App Shortcut to a Home screen by dragging the App icon onto the Home screen. For more information, refer to *"Shortcuts"* on page 24.

Navigating Through the Application Menus

Your phone initially has three Application Menus available. Follow these steps to navigate through the Application Menus:

1. From a Home screen, touch **Apps**.

   The first Apps Menu displays.

2. Swipe the screen left or right to access the other two menus.

3. Touch one of the application icons.

Note: As you add applications, the number of Application menus that you have available will increase.

Creating Application Folders

You can create application folders to hold similar applications.

To create a folder follow these steps:

1. From a Home screen, touch **Apps** to display your current applications.

2. Touch the **Apps** tab at the top of the screen if it is not already selected.

3. Touch **Menu,** and then touch **Edit**.

4. Touch and hold the first application that you would like to move to a folder.

5. Drag the icon to the **Create folder** icon.

6. Enter a folder name and touch **OK**.

   A folder displays in the original place of the application icon with the application icon displayed on top of it. You can now drag other Apps into the folder.

7. To view information on an App, drag the App icon up to the App info icon to view information on the application.

8. Touch **Save**.

Adding a New Page to the Application Menu

You can add a new page to your application menu by following these steps:

1. From a Home screen, touch **Apps** to display your current applications.
2. Touch the **Apps** tab at the top of the screen if it is not already selected.
3. Touch **Menu,** and then touch **Edit**.
4. Touch and hold the first application that you would like to move to a new page.
5. Drag the icon to the **Create page** icon.
6. Touch **Save**.

   The app will appear on a new page.

Apps Screen Options

1. From a Home screen, touch **Apps**.
2. Touch **Menu** for these options:

   - **Play Store**: Launch Google Play Store, to browse for new apps to download.
   - **Edit**: Touch and hold an app icon then drag it to the Create folder icon to create a new folder. Drag it to the Create page icon to create a new apps screen and place the icon on it. Or drag it to App info to view information about this app.
   - **Create folder**: Create a new folder to hold the app icon.
   - **Uninstall**: Remove an app that you downloaded from your phone. Preloaded apps cannot be uninstalled.
   - **View type**: Configure the apps screen.
   - **Share apps**: Select apps you have downloaded (not available for pre-loaded apps) to share via Bluetooth, Email, Flipboard, Gmail, Google, Google+, Hangouts, Messaging, S Memo, or Wi-Fi Direct.

- **Hide applications** / **Show hidden applications**: Control whether app icons are visible in Apps. Hiding an icon does not remove the app from your phone.

3. Touch **Downloaded apps** to display all apps you have downloaded.

Application Information

To view information about an App, such as the amount of storage it uses, force the App to stop, uninstall updates, and clear data:

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Application manager**.

Accessing Applications

To access applications:

1. From a Home screen, touch **Apps**.
2. Locate the application's icon and touch it to launch the application.
3. To return to the main Home screen, press **Home**.

Note: This manual only addresses applications that have been loaded on your device as of the date of purchase. Information concerning third party applications that you may choose to download from the Google Play Store or otherwise should be obtained from the application provider directly and not from Samsung.

Calculator

With this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division. The Calculator also keeps a history of recent calculations.

1. Touch **Calculator**.
2. Enter the first number using the onscreen numeric keys.
3. Enter the operation for your calculation by touching the corresponding onscreen arithmetic function key.
4. Enter the second number.
5. To view the result, touch equals (**=**).

6. To view calculator history, touch located at the top of the calculator buttons. A history of your past calculations displays. Touch again to display the calculator keypad.
7. To clear the calculator history, touch **Menu** ➔ **Clear history**.
8. Turn your phone sideways to the landscape position to display the scientific calculator.

Calendar

Your device includes a powerful Calendar feature. You can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder, if necessary.

To access the Calendar:

1. Touch **Calendar**.
2. The following tabs are available on the right side of the display:
   - **Year**: Display the Year view.
   - **Month**: Display the Month view.
   - **Week**: Display the Week view.
   - **Day**: Display the Day view.
   - **List**: Display the List view.
   - **Task**: Search for tasks.
3. Touch **New** to create a new Calendar event.
4. Touch **Today** to display the current date, which is indicated by a blue box.
5. Touch **Menu** and select one of the following options:
   - **Zoom**: In the Week and Day views, touch and drag a slider to increase or decrease the size of the area being viewed.
   - **Go to**: Display a specific date.
   - **Delete**: Delete All events, All events before today, or an individual event.
   - **Search**: Search within your current events.
   - **Sync**: Synchronize your calendar with one or all of your accounts. This option only appears when an account has been opened.

- **Calendars**: Display various information such as My calendars, My task, your linked accounts, and Contact's birthdays.
- **Settings**: Displays a list of configurable settings.

6. To set your Calendar settings, touch **Menu** ➔ **Settings**.

Camera

Use your 8 megapixel camera feature to produce photos in a JPEG format. Your phone also functions as a Camcorder to record videos.

- Touch **Camera**.

For more information, refer to *"Camera"* on page 82.

Chrome

Use Chrome to browse the internet and bring your open tabs, bookmarks and omnibox data from your computer to your phone.

- Touch **Chrome**.

Clock

The Clock application allows you to access alarms, view the World Clock, set a stopwatch, and use a timer.

- Touch **Clock**.

The Clock application includes these features:

- **Alarm**: Create alarms to go off once, or to repeat.
- **World clock**: Display the time and date in any time zone.
- **Stopwatch**: Record lap times.
- **Timer**: Measure elapsed time.
- **Desk clock**: Display the date and time in large format, for easy viewing.

Contacts

Use Contacts to store information for your friends, family and colleagues, to make contacting them easy.

- Touch **Contacts**.

For more information, refer to *"Contacts and Accounts"* on page 36.

Downloads

View and manage files and other items you download to your phone.

1. Touch **Downloads**.
2. Touch an item to open it (if an appropriate application is installed.)

Note: Applications you download in Google Play Store are managed in Play Store, and will not appear in Downloads.

Drive

Use the Google Drive app to open, view, rename, and share your Google Docs and files.

Visit drive.google.com to learn more.

Note: This app requires a Google Account.

- Touch **Drive**.

Email

Send and receive email using popular email services.

- Touch **Email**.

For more information, refer to *"Email"* on page 68.

Flipboard

The Flipboard application creates a personalized digital magazine out of shared information. Access news stories, personal feeds and other related material. Flip through Facebook news feed, tweets from your Twitter account, photos from friends, and more.

- Touch **Flipboard**.

G+ Photos

Automatically save every photo you take with your phone. Then it is easy to view, organize, and share them with friends and family of your choice. Turn on Auto Backup in the G+ Photos app to get started.

Great photos deserve to be shared, and G+ Photos makes it easy to share your great photos. You are in control of who sees your photos. You can choose individuals, entire circles, or email addresses. You can even get a link to send around or share on other sites.

1. Sign in to your Google account. For more information, refer to *"Google Account"* on page 12.
2. From the **Apps** screen, touch **G+ Photos**.

   The G+ Photos Highlights screen displays.
3. Follow the onscreen instructions to use G+ Photos.
4. Touch **Menu** ➔ **Settings** to configure your G+ Photos preferences.
5. Touch **Menu** ➔ **Help** to display additional help information.

Gallery

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message.

- Touch **Gallery**.

For more information, refer to *"Gallery"* on page 78.

Gmail

Gmail is a web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web.

- Touch **Gmail**.

For more information, refer to *"Gmail"* on page 70.

Google

The Google Search Bar provides you an onscreen Internet search engine powered by Google.

1. From the main Home screen, touch the Google Search bar

.

   – or –

   From a Home screen, touch **Apps** ➔ **Google**.

2. Use the keyboard to enter search criteria.

   – or –

   Touch and speak the search criteria slowly and clearly.

3. Suggestions display below the text entry area. Touch a suggestion to search for that term, or touch on the keyboard to start the search.

Google Settings

Use this app to manage your Google settings.

1. Touch **Google Settings**.
2. Select an onscreen option, such as Connected apps, Google+, Play Games, Locations, and so on.
3. Follow the onscreen prompts to modify your Google Settings.

Google+

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Hangouts for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

Visit google.com/mobile/+ to learn more.

Note: This app requires a Google Account.

- Touch **Google+**.

Group Play

Share currently viewed documents or photos, or currently playing music files with other devices connected to the same Wi-Fi network and your device.

Create a group and set your device as the Mobile AP using a portable Wi-Fi hotspot.

Important! Connected devices cannot have access to the internet using your data network.

If your device supports NFC, connect with other devices by holding them close together.

1. Touch **Group Play**.
2. Touch **Next** for Group Play instructions.

Hangouts

Hangouts is a free web-based application for instant messaging offered by Google. You can connect with your friends across computers and various Android devices. You can have conversations or video calls with up to 10 friends.

Visit google.com/+/learnmore/hangouts to learn more.

Note: This app requires a Google Account.

- Touch **Hangouts**.

Help

Access help information to learn how to use the phone and applications or configure important settings.

1. Touch **Help**.
2. Select a category to view tips.

Maps

Depending on your location, you can view basic, custom, and satellite maps and local business information, including locations, contact information, and driving directions. You can also post public messages about a location and track your friends.

Important! Before using Google Maps you must have an active data connection. The Maps application does not cover every country or city.

Enabling a Location Source

Before you use Google Maps and find your location or search for places of interest, you must enable a location source. To enable the location source you must enable the wireless network, or enable the GPS satellites.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Location services**.
2. Touch the **GPS & Verizon location services** field.

   A green check mark will display next to the field.

Note: Selecting **GPS & Verizon location services** allows you to locate places of interest at the street-level. However, this also requires a clear view of the sky and uses more battery power.

To receive better GPS signals, avoid using your device in the following conditions:

- inside a building or between buildings
- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows

Using Maps

- Touch **Maps**.

  A map will display with your location in the very center.

Messaging

Send and receive text and multimedia messages.

- Touch **Messaging**.

For more information, refer to *"Messaging"* on page 59.

Music

Music allows you to play music files that you have stored on your phone and memory card (not included). You can also create playlists.

- Touch **Music**.

For more information, refer to *"Music"* on page 72.

My Files

My Files allows you to manage your sounds, images, videos, bluetooth files, Android files, and other memory card (not included) data in one convenient location. If a file is associated with an application on your phone, you can launch the file in the application.

1. Touch **My Files**.
2. Touch a category: All files, Images, Videos, Music, or Documents.
3. If All files is chosen:
   - Touch **Device storage** to see the contents of your internal SD card.

   – or –
   - If you have an external SD card inserted, touch **SD memory card** to see the contents of your external SD card (memory card).

Note: Different folders may appear depending on how your phone is configured.

4. Touch a folder and swipe your finger on the screen to browse files.
5. Touch a file to open it, if the file is associated with an application.
6. While browsing files, use these controls:
   - To go back to the root directory, touch **Home**.
   - To go back up to a higher directory, touch **Up**.
   - For options, touch **Menu**.

My Verizon Mobile

View details and manage your Verizon Wireless account.

Note: No airtime or minute charges apply when accessing My Verizon Mobile.

- From the Home screen, swipe left to display the **Applications** menu and touch **My Verizon Mobile** .

NFL Mobile

NFL Mobile is your source for live NFL video and audio, as well as the latest NFL videos, news, statistics and more. Enjoy live NBC Sunday Night Football, ESPN Monday Night Football and NFL Network Thursday Night Football games, as well as NFL RedZone and 24/7 NFL Network.

- Touch **NFL Mobile** .

Note: A subscription is required to view videos. Data charges apply while using NFL Mobile.

Paper Artist

This graphic application provides a user with the ability to start from either an empty canvas or by importing a picture from your Gallery or as a new image.

- Touch **Paper Artist**.

Phone

The Phone application allows you to access the dialer keypad, call logs, and favorites.

- Touch **Phone**.

For more information, refer to *"Call Functions"* on page 49.

Play Books

With Google Play Books, discovering your favorite books and authors has never been easier. Use Google Play Books to shop the world's largest selection of e-books and read them anywhere you like – on a tablet, phone, e-reader, or the Web.

- Touch **Play Books**.

Play Games

Use this application to download and play games.

- Touch **Play Games**.

Play Newsstand

Subscribe to your favorite magazines, and have them available to read on your device any time, in any place.

- Touch **Play Newsstand**.

Play Movies & TV

With Google Play Movies & TV, you can rent thousands of different movies, to watch instantly, or download for offline viewing later. You will need to have a Google account set up on your device to download content.

- Touch **Play Movies & TV**.

For more information, refer to *"Play Movies & TV"* on page 77.

Play Music

With Google Play Music, you can play music you have downloaded, and music you copied from your computer. You'll need to have a Google account set up on your phone to download a new application.

- Touch **Play Music**.

For more information, refer to *"Google Play Music"* on page 76.

Play Store

Google Play Store provides access to downloadable applications and games to install on your phone. It also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your phone.

1. Touch **Play Store**.

Note: If you are not already logged in with your Google account, see *"Setting Up Your Gmail Account"* on page 70.

2. The first time you open Play Store, read the Google Play Terms of Service, the Google Music Terms of Service, the Google Books Terms of Service, and the YouTube Rentals Terms of Service, then touch **Accept** to continue.
3. Touch **Menu** ➔ **Help**.

Note: This application may not be available depending on the region or service provider.

Installing Applications

Use this application to purchase and download applications and games that are able to run on the device.

1. Touch **Play Store**.
2. Browse applications by category or touch **Search** to search with a keyword.
3. Select an application to view information. To download it, touch **INSTALL**. If there is a charge for the application, touch the price, and follow onscreen instructions to complete the purchase process.

Note: When a new version is available for any installed application, an update icon appears at the top of the screen to alert you to the update. Open the Notification Panel and touch the icon to update the application.

Note: To install applications that you downloaded from other sources, on a Home screen, touch **Apps** ➔ **Settings** ➔ **Security** ➔ **Unknown sources**.

Uninstalling Applications

To uninstall applications purchased from Play Store:

- Touch **Play Store** and then touch **My apps**, select an application to delete in the list of installed applications, and then touch **UNINSTALL**.

Updates to Downloaded Apps

You can check for new versions of applications by visiting the Google Play Store. Items that have a new version available will say **Update**.

You can also select apps that you would like to be updated automatically. To do this:

1. Touch **Play Store** and then touch **My apps**.
2. Touch the **INSTALLED** tab to list the Play Store apps installed on your device.

   UPDATE displays if there is an update available for the app.
3. Touch an app and then touch **Menu** ➔ **Settings** ➔ **Auto-update apps** to enable or disable automatic updating.
4. Touch **OPEN** to open the app on your device.
5. Touch **UPDATE** to immediately update the app on your device.

S Memo

Record ideas instantly and freely with memos containing text, pictures, handwritten notes or drawings, and voice recordings.

1. Touch **S Memo**.
2. To create a new memo, touch a template option:

   Drawing mode: Open a memo to draw or write text.

   Text mode: Open a memo to enter text with the keyboard.

S Voice

Use S Voice to speak commands to perform operations on your phone, and to speak criteria for searches and other operations. Just speak naturally, and S Voice understands what you're looking for. Use the power of S Voice to find everything from directions to trivia answers to the current weather forecast.

1. Touch **S Voice**.
2. Follow the onscreen instructions.
3. Touch **Menu** ➔ **Settings** to configure settings to your preferences.

You can launch S Voice from most unlocked screens by pressing **Home** twice. To set this option:

1. Touch **S Voice**.
2. Touch **Menu** ➔ **Settings**.
3. Touch **Open via the home key** to turn the option On.

   The default setting value is **Off**.

Samsung Link

Use this application to share and play content across smart devices anywhere, anytime.

- Touch **Samsung Link**.

Setup Wizard

Use the Setup wizard to quickly configure your phone.

- From the Home screen, touch **Apps** ➔ **Setup wizard**.

Settings

Configure your device to your preferences. It includes such settings as: display, security, memory, and any extra settings associated with your phone.

- Touch **Settings**.

For more information, refer to *"Settings"* on page 122.

Task Manager

Your phone can run apps simultaneously, with some apps running in the background. Use Task Manager to see which apps are running on your phone and to end running apps to extend battery life. You can also uninstall apps from your phone and check memory usage.

1. From any unlocked screen, press and hold **Home**, and then select **Task manager**.
2. In Task manager, you have these options:
   - Touch the **Active applications** tab to view apps running on your phone. Touch **End** or **End all** to close apps.
   - Touch the **Downloaded** tab to view information about apps you have installed on your phone.
   - Touch **Uninstall** to remove an app from your phone.
   - Touch the **RAM** tab to display the amount of RAM (Random Access Memory) in use.
   - Touch **Clear memory** to clear processes to increase available RAM.
   - Touch the **Clear defaults** tab to remove any default app settings that have been set.
   - Touch the **Storage** tab for internal system storage and SD card memory statistics.
   - Touch the **Help** tab to view information about managing RAM, and tips for extending battery life.

Tip: Touch and drag your finger on the tabs to scroll the tabs.

Verizon Tones

Browse the Verizon catalog for the latest songs from your favorite Artists and convert them to a Ringback Tone or use it as Ringtone content. You can assign these Ringback tones to contact in your address book.

Note: Browsing and previewing content are billed on a per-megabyte basis, or according to your data package. Content costs display a the time of your purchase.

- Touch **Verizon Tones**.

Video

The Video application plays video files stored on your memory card (not included).

- Touch **Video**.

For more information, refer to *"Video"* on page 76.

Voice Recorder

Record your voice or other sounds, and share recordings via Bluetooth, Messaging, or Gmail.

- Touch **Voice Recorder**.

Voice Search

Use voice commands to search the web with Google.

- Touch **Voice Search**.

VZ Navigator

Use VZ Navigator to find, share and navigate to millions of locations, avoid traffic, and drive or walk with ease.

Note: VZ Navigator requires service activation. Contact Verizon Wireless or your cellular provider for more information.

- Touch **VZ Navigator** .

YouTube

View and upload YouTube videos, right from your phone.

- Touch **YouTube**.

Section 9: Settings

This section explains the settings used for customizing your device. If settings are described in another section of this user manual, then a cross reference to that description is provided.

Accessing Settings

- From a Home screen, touch **Apps** ➔ **Settings**.

  – or –

  From a Home screen, touch **Menu** ➔ **Settings**.

  – or –

  From any screen, touch the top of the screen and swipe downward, to display the Notification Panel, and then touch **Settings**.

  The Settings screen displays.

Airplane Mode

Airplane mode allows you to use many of your phone's features, such as Camera, Games, and more, when you are in an airplane or in any other area where making or receiving calls or data is prohibited.

When your phone is in Airplane Mode, it cannot send or receive any calls or access online information or applications.

- From a Home screen, touch **Apps** ➔ **Settings**, touch the **OFF/ON** button to turn Airplane mode ON

. At the **Turn on airplane mode** prompt, touch **OK**.

Tip: Press and hold the **Power Key** then touch **Airplane mode** or, from a Home screen, touch the top of the screen and swipe downward to display the Notification Panel, and then touch **Airplane mode**.

The Airplane mode icon displays at the top of your screen when Airplane mode is enabled.

Wi-Fi

This section describes the Wi-Fi settings. For information on how to use Wi-Fi, see *"Wi-Fi"* on page 89.

Activating Wi-Fi

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.
2. Touch the **OFF/ON** button to turn Wi-Fi ON.
3. Touch **Scan** to scan for available Wi-Fi networks

For more information, refer to *"Wi-Fi"* on page 89.

Wi-Fi Advanced Settings

The Advanced Wi-Fi menu can be used to set up many of your device's advanced Wi-Fi services.

To access the Advanced Wi-Fi menu:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.
2. Touch **Menu** ➔ **Advanced**.

   The following options are available:

- **Wi-Fi notifications**: Alerts you when a new WAP is available.
- **Sort by**: Sort Wi-Fi networks by alphabet or RSSI (received signal strength indicator).
- **Keep Wi-Fi on during sleep**: Specify when to disconnect from Wi-Fi.
- **Always allow scanning**: Allow Google location service and other apps to scan for networks, even when Wi-Fi is turned off.
- **Auto network switch**: Automatically switch between Wi-Fi networks and mobile networks.
- **Install certificates**: Install authentication certificates.
- **MAC address**: View your device's MAC address, required when connecting to some secured networks (not configurable).
- **IP address**: View your device's IP address.

Activating Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.
2. Touch the **OFF/ON** button to turn Wi-Fi ON.
3. At the bottom of the Wi-Fi screen, touch **Wi-Fi Direct**.

For more information, refer to *"Wi-Fi Direct"* on page 91.

Bluetooth

In this menu you can activate Bluetooth, view or assign a device name, activate your phone so other Bluetooth devices can discover it, or scan for other, available Bluetooth devices with which to pair.

Activating Bluetooth

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Bluetooth**.
2. Touch the **OFF/ON** button to turn Bluetooth ON.

   The Bluetooth icon displays at the top of your screen when Bluetooth is enabled.

For more information, refer to *"Bluetooth"* on page 93.

Bluetooth Settings

The Bluetooth settings menu is used to set up many of the characteristics of your device's Bluetooth service, including:

- Entering or changing the name your device uses for Bluetooth communication and description
- Setting your device's visibility (or "discoverability") for other Bluetooth devices

Bluetooth Settings Menu

To access the Bluetooth Settings menu:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Bluetooth**.
2. Touch the **OFF/ON** button to turn Bluetooth ON .
3. Touch the checkbox next to your device name if you want your phone to be visible to other Bluetooth devices.

Change Bluetooth Name

To change your Bluetooth name:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **About device** ➔ **Device name**.
2. Use the keyboard to modify your device name and touch **OK**.

Make Your Device Visible

To make your device visible:

1. From the Bluetooth settings screen, touch **Menu** ➔ **Visibility timeout**.

   Making your device visible allows it to be detected by other devices for pairing and communication.
2. Select a time that you would like your device visibility to time-out.

Show Received Files

To show received files:

- From the Bluetooth settings screen, touch **Menu** ➔ **Received files**.

  A list of all files received from Bluetooth displays.

Scan for Bluetooth Devices

To scan for Bluetooth devices:

1. Verify that Bluetooth is ON .
2. From the Bluetooth settings screen, touch **Scan** to search for visible external Bluetooth-compatible devices such as headsets, devices, printers, and computers.

Data Usage

From this screen you can view your Mobile data usage and turn your Mobile data capability On or Off.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Data usage**.
2. Touch **Mobile data** to turn Mobile data usage On.
3. Touch **Limit mobile data usage** to allow a data limit to be set.

   Touch and drag the red limit bar to the desired GB limit.
4. Touch **Alert me about data usage** to set your device to alert you when mobile data usage reaches the warning limit you set. Touch and drag the orange warning line on the displayed graph to set the data usage warning limit.
5. Touch the **Data usage cycle** drop-down menu and select a date.

   The data usage displays as a visual (chart) and also displays a list of each application with a breakdown of how much data was used per application.

Note: Data is measured by your device. Your service provider may account for data usage differently.

6. Touch **Menu** to display additional options. Touch to activate.
   - **Data roaming**: Enables data roaming on your device.
   - **Restrict background data**: Restricts some apps and services from working unless you are connected to a Wi-Fi network.
   - **Auto sync data**: Automatically sync accounts.
   - **Show Wi-Fi usage**: Display a Wi-Fi tab that shows Wi-Fi usage.
   - **Mobile hotspots**: Display available mobile hotspots.

More Settings

This option displays additional Connectivity information.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **More settings**.

  Options display for Mobile networks, VPN, NFC, S Beam, Nearby devices, and Screen Mirroring.

Mobile Networks

Set options for network selection and data service.

Important! Depending on your service plan, changes you make to mobile networks settings may incur extra charges. Consult Verizon Wireless for information.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **More settings** ➔ **Mobile networks**.
2. Set these options:
   - **Mobile data**: Enable or disable your device's connection to the mobile data network. You can also control this setting at Notifications with the Mobile data setting.
   - **Global Data Roaming Access**: Enable or disable connection to data services when your device is roaming on another network.
   - **Roaming**: (Not configurable) Current roaming status.
   - **Signal strength**: (Not configurable) Current signal strength.

Mobile Hotspot

Use your phone as an Access Point (AP), connecting up to ten devices via a Wi-Fi network to the Internet.

Enable Mobile Hotspot

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Touch **More settings** ➔ **Mobile Hotspot**.
3. Touch **Mobile Hotspot**. Touch **OFF/ON** to enable Mobile Hotspot.
4. Touch ⟩ to control which devices may connect to your Hotspot:
   - **All devices**: Allow all devices to connect.
   - **Allowed devices only**: Limit connections to only those devices in your Allowed devices list.

Connect a Device

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Touch **More settings** ➔ **Mobile Hotspot**.
3. Touch **OFF/ON** to enable Mobile Hotspot.

4. If the target device is not in your Allowed devices list, tap ➔ **All devices**.
5. On the target device, activate Wi-Fi and scan for Wi-Fi hotspots. Select the name of your phone and enter your Hotspot password (if required).

Note: Follow the target device's instructions for activating Wi-Fi and connecting to your phone.

Allowed Devices

You can limit connections to your Mobile Hotspot to only those devices in your Allowed Devices list.

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Touch **More settings** ➔ **Mobile Hotspot**.
3. Touch **OFF/ON** to enable Mobile Hotspot.
4. Touch **Allowed devices** to view the Allowed Devices list.
5. To add a new device to the Allowed devices list:
   - Touch **Add device**.
   - Enter the device's name and MAC address.
6. To remove a device from the Allowed devices list:
   - Touch **Delete**.
   - Touch each device you want to delete, or tap **Select all**.
   - Touch **Delete**.

Note: Using your phone as a portable hotspot consumes battery power and uses data service. While Mobile Hotspot is active, your phone's applications will use the Mobile Hotspot data service. Roaming while using your phone as a mobile hotspot will incur extra data charges.

Mobile Hotspot Settings

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Touch **More settings** ➔ **Mobile Hotspot**.
3. Touch **Configure** for options:
   - **Network SSID**: Enter a name for your phone. This name will be displayed in the other device's Wi-Fi networks listing.
   - **Hide my device**: Do not display your phone's name in the other device's Wi-Fi networks listing.
   - **Security**: Set the network connection to Open (no security) or WPA2 PSK (requires a password).
   - **Password**: Enter a security password. Touch **Show password** to display it.
   - **Show advanced options**: Set the Broadcast channel.
4. Touch **Menu** for additional options:
   - **Timeout settings**: Set the amount of time your device will be available as a Mobile Hotspot.

Tethering

Use feature lets you share your phone's mobile data connection via USB or Bluetooth.

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Touch **More settings** ➔ **Tethering**.
   - **Mobile Broadband Connect**: Share your mobile data connection via USB.
     – Connect your phone to your PC using a USB cable and touch **USB tethering** to activate the feature. Follow the onscreen instructions to use USB tethering.
   - **Bluetooth tethering**: Share your mobile data connection via Bluetooth.
     – Activate Bluetooth and make sure your device is visible, then touch **Bluetooth tethering** to activate the feature. For more information, refer to *"Bluetooth"* on page 93.
     – **Help**: Learn about using tethering.

VPN

Set up and manage Virtual Private Networks (VPNs).

Adding a VPN

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **More settings** ➔ **VPN**.

Note: You must enable a screen unlock pattern PIN, or password before you can use credential storage. For more information, refer to *"Screen Lock"* on page 148.

Configure a Basic VPN

1. Touch **Basic VPN** and then touch **Add**.
2. Enter the configuration information and then touch **Save**.

Configure an Advanced IPsec VPN

1. Touch **Advanced IPsec VPN** and then touch **Add VPN Connection**.
2. Enter a password, confirm the password, and touch **OK**.
3. Enter the IPsec configuration information, then touch Show advanced options to configure additional options.
4. Touch **Save**.

NFC

Use NFC (Near Field Communication) to share information between your phone and another NFC device by touching the devices together, typically back-to-back. This is used for applications such as Android Beam and S Beam.

To activate NFC:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **More settings** ➔ **NFC**.
2. Touch the **OFF/ON** button to turn NFC ON

.

Android Beam

When Android Beam is activated, you can beam app content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **More settings** ➔ **NFC**.
2. Touch the **OFF/ON** button to turn **Android Beam** ON .
3. Touch the back of your device with another NFC-capable device to transfer the content.

S Beam

When S Beam is activated, you can beam files to another NFC-capable device by holding the devices close together. You can beam images and videos from your Gallery, music files from your Music app, and more.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **More settings**.
2. Touch the **OFF/ON** button to turn S Beam ON .
3. Touch the back of your device with another NFC-capable device to transfer the content.

Nearby Devices

Share your media files with nearby using DLNA (Digital Living Network Alliance) standards, over Wi-Fi.

1. Connect to a Wi-Fi network. For more information, refer to *"Activating Wi-Fi"* on page 123.
2. From a Home screen, touch **Apps** ➔ **Settings** ➔ **More settings** ➔ **Nearby devices**.
3. Touch the **OFF/ON** button to turn Nearby devices ON and activate file sharing.

When enabled, the Nearby devices icon displays in the Status Bar.

4. In the Advanced section, set the following options:
   - **Shared contents**: Select the content to share. Choices are: Videos, Photos, and Music.
   - **Allowed devices list**: Indicate the devices accessible to your device.
   - **Not-allowed devices list**: Indicate the devices not accessible to your device.
   - **Download to**: Set whether to download data to USB storage or SD card.
   - **Upload from other devices**: If a nearby device attempts to upload data, this setting indicates the response.

Screen Mirroring

Use the Screen Mirroring feature to share media files on your phone with an HDMI device, such as an HDMI TV.

Note: This feature requires an optional Screen Mirroring dongle accessory. See your Verizon Customer Service Representative for more information.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **More settings** ➔ **Screen Mirroring**.
2. Connect the Screen Mirroring dongle to the HDMI device using an HDMI A-to-A cable.
3. Press **Menu** ➔ **Help** for Screen Mirroring help information.

Home Screen Mode

Home screen mode allows you to set your display to the conventional layout of **Standard mode** or provide an easier user experience for the first-time smartphone users using **Easy mode**.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Home screen mode**.
2. Touch the radio button to select one of these options:
   - **Standard mode**: Use a conventional layout for the apps and widgets on your home screens.
   - **Easy mode**: Use an easier user experience for first-time smartphone users on the home screens.
3. Touch **Apply**.

Blocking Mode

When Blocking mode is enabled, notifications for selected features are disabled. You only receive notifications of incoming calls from people on your allowed list.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Blocking mode**.
2. Touch the **OFF/ON** button to turn Blocking mode ON

.

   When enabled, the Blocking mode icon displays in the Status Bar.
3. Touch **Block incoming calls**, **Turn off notifications**, **Turn off alarm and timer**, or **Turn off LED indicator** to place a green check mark adjacent to those features you would like to enable.
4. Configure a timeframe for these features to be active. Remove the check mark from the **Always** field to configure the **From** and **To** time fields.
5. Touch **Allowed contacts** to assign those contacts that are exempted from these rules. Choose from None, All contacts, Favorites, or Custom. Allowed contacts will then appear in the **Allowed contact list**.

Hands-Free Mode

When Hands-free mode is enabled, incoming calls and notifications are read out automatically.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Hands-free mode**.
2. Touch the **OFF/ON** button to turn Hands-free mode ON ON.

   When enabled, the Hands-free mode icon displays in the Status Bar.
3. Touch **Incoming call**, **Message**, **Alarm**, or **Schedule** to enable notifications to be read out automatically.

Note: You can disable Hands-free mode by saying "Hands-free mode off" while in S voice, by accessing the Settings menu and touching the **OFF/ON** button to turn Hands-free mode OFF OFF, or by using the Notification Panel.

Call

To access the Call settings menu:

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call**.

  – or –

  From a Home screen, touch **Phone** ➔ **Menu** ➔ **Call settings**.

Call Block

Set up call blocking for incoming and outgoing calls.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call** ➔ **Call block**.
2. Touch **Block calls** and touch one of the following options:
   - **Off**: Turn Auto reject mode off.
   - **All numbers**: Reject all calls.
   - **Call block list only**: Block all calls in your Call block list.
3. Touch **Call block list**.

4. Touch **Create** to manually add numbers to the Call block list.
5. Touch **Unknown number**, to create a check mark and automatically reject all calls that are not in your Contacts list.

Set Rejection Messages

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call** ➔ **Set up call rejection messages**.
2. Touch **Create** to manually add a reject message.

   – or –

   Touch one of the pre-written messages to be displayed when you want the call to be rejected. You can edit the message if desired.

   Touch **Save** to save the reject message.
3. Touch **Delete** do remove messages.

Answering and Ending Calls

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call** ➔ **Answering/ending calls**.

  The following options are available:

  - **The home key answers calls**: Accept incoming calls by pressing the Home key.
  - **Voice control**: Accept incoming calls by using your voice.
  - **The power key ends calls**: End a call by pressing the power key without turning off the screen.

Turn Off Screen During Calls

This option turns on the proximity sensor during calls so that your phone will know to turn the screen off to save power.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call** ➔ **Turn off screen during calls** to create a check mark and enable the feature.

Call Alerts

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call** ➔ **Call alerts**.
2. Touch the following options to create a check mark and activate the features:
   - **Vibrate on connection to network**: The device vibrates when it connects to the network.
   - **Call-end vibration**: Enables your phone to vibrate when the call ends.
   - **Call connect tone**: Plays a tone when a call is connected.
   - **Minute minder**: Beeps twice every minute that you are on a call.
   - **Call end tone**: Plays a tone when a call is ended.
   - **Alerts on call**: Turns on alarm and message notifications during a call.

Call Accessories

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call** ➔ **Call accessories**.

  The following options are available:

  - **Automatic answering**: Automatically answer an incoming call when a headset is detected.
  - **Automatic answering timer**: Configure the time delay before the device automatically accepts the incoming call.
  - **Outgoing call conditions**: Make calls even when the device is locked.

Call Forwarding

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call** ➔ **Call forwarding**.

  The following options are available:

  - **Activate call forwarding**: Enables the Call forwarding feature.
  - **Deactivate Call Forwarding**: Disables the Call forwarding feature.

Ringtones and Keypad Tones

Choose tones and/or vibration to play for incoming calls and keypad touches.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call** ➔ **Ringtones and keypad tones**.

  The following options are available:

  - **Ringtones**: Choose a default ringtone for incoming calls.
  - Vibrations: Choose a vibration pattern, or create your own pattern, to play for incoming calls when Incoming call vibration is turned On. Vibration plays along with the ringtone, if Silent mode is not enabled.
  - Vibrate when ringing: When enabled, the Device vibration plays for incoming calls.
  - Dial keypad tone: When enabled, sounds play when you touch the Phone keypad.

Personalize Call Sound

Choose options for call audio, in cases where you might need the sound softer or more clear, or optimized for your right or left ear. These are the defaults, but you can change them during a call by touching **Menu** ➔ **My call sound**.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call** ➔ **Personalize call sound**.

  The following options are available:

  - **In-call sound EQ**: The In-call sound equalizer is used to set your call sound during calls. Select from Off, Soft sound, Clear sound, Adapt Sound left, or Adapt Sound right.
  - **Adapt sound**: Customize your sounds. Follow the onscreen instructions to set up your personal call sound.

Noise Reduction

This option helps to suppress background noise from your side during a call.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call** ➔ **Noise reduction** to create a check mark and enable the feature.

Increase Volume in Pocket

When enabled, the device uses the proximity sensor to detect when the device is in a pocket or other close-fitting location such as a purse or bag, and increases the volume for incoming call ringtones.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call** ➔ **Increase volume in pocket**.

Voicemail Service

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call** ➔ **Voicemail service**.

   Voicemail service provided by your carrier is the default.

2. Touch **My carrier** to remove the carrier Voicemail service.

Voicemail Settings

You can view or modify your voicemail number from this menu.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call** ➔ **Voicemail settings**.
2. Touch the **Voicemail number** field, backspace to erase the digits, and enter a new voicemail number using the keypad, then touch **OK**.
3. Touch **OK**.

Sound

You can select a unique ringtone for Voicemail alerts.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call** ➔ **Sound**.
2. Touch a ringtone to hear it played.
3. Select a ringtone and touch **OK**.

Vibrate

This option allows you select vibration settings for Voicemail alerts.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call**.
2. Touch **Vibrate** to create a check mark and activate the Vibrate feature.

Other Call Settings

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call** to configure the following additional options.
  - **Assisted dialing**: When turned On, your phone automatically dials appropriate codes and prefixes for international calls. Touch the **OFF/ON** button to turn the option ON, then touch Assisted dialing to configure settings.
  - **Auto retry**: When enabled, the device automatically redials a call if it receives a busy signal from the network.
  - **TTY mode**: Choose a TTY mode to enable TTY mode, for use with optional TTY equipment.
  - **DTMF tones**: Set the length of Dual-tone Multi-frequency tones, which play when you use the keypad during a call, such as when navigating device menus.
  - **Voice privacy**: Enable or disable Enhanced voice privacy, to improve the security of phone calls.

Sound

From this menu you can control the sounds on the phone.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound**.

The following options display:

Volume

The Volume option allows you to change the volume for all phone sounds in one easy location.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound** ➔ **Volume**.
2. Touch and drag the slider to adjust the sound volume for Media, Ringtone, Notifications, and System.
3. Touch **OK**.

Vibration Intensity

This option allows you to set the vibration intensity of incoming calls, notifications, and Haptic feedback.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound**.
2. Touch **Vibration intensity**.
3. Touch and drag the slider to adjust the sound volume for Incoming call, Notification, and Haptic feedback.
4. Touch **OK**.

Ringtones

This option allows you to set the ringtone.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound**.
2. Touch **Ringtones**.
3. Touch a ringtone and touch **OK**.

   – or –

   Touch **Add** to select a file from your music files.

Vibrations

This option allows you to set your phone to vibrate and ring.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound**.
2. Touch **Vibrations**.
3. Select a vibration pattern and touch **OK**.

   – or –

   Touch **Create** and follow the onscreen instructions to create your own vibration.

Default Notification Sound

This option allows you to set the sound that will occur for notifications and alarms.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound**.
2. Touch **Default notification sound**.
3. Touch a ringtone and touch **OK**.

Vibrate When Ringing

This option allows you to enable your phone to vibrate whenever it rings.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound**.
2. Touch **Vibrate when ringing** to create a check mark and enable the feature.

System Tone Settings

The System tone settings are used when you use the dialing pad, make a screen selection, lock your screen, or touch the screen.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound**.
2. Touch any of the following options to create a check mark and activate the feature:
   - **Dialing keypad tone**: Makes a sound when you touch a key on the keyboard.
   - **Touch sounds**: Makes a sound when you touch the screen.
   - **Screen lock sound**: Makes a sound when your screen is locked or unlocked.
   - **Haptic feedback**: Vibrate when softkeys are touched and for certain software actions.
   - **Auto haptic**: Device vibrates automatically in response to the sounds of downloadable apps, such as games. (Some apps do not support this feature.)
   - **Emergency tone**: Determines whether the phone plays an alert, or vibrates as an Emergency alert.

Samsung Keyboard

Set the keyboard sounds.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound**.
2. Touch either of the following options to create a check mark and activate the feature:
   - **Key-tap sound**: Enables auditory feedback when you touch an onscreen key.
   - **Key-tap vibration**: Enables the device to vibrate when you touch an onscreen key.

HDMI

To set the HDMI (High-Definition Multimedia Interface) audio setting.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Sound**.
2. Touch **Audio output**.
3. Touch **Stereo** or **Surround** to set the audio output setting.

Display

In this menu, you can change various settings for the display.

■ From a Home screen, touch **Apps** ➔ **Settings** ➔ **Display**.

The following options display:

- **Wallpaper**: Set the Wallpaper for your Home screen, Lock screen, or both. For more information, refer to *"Wallpapers"* on page 27.
- **LED indicator**: Turn on your LED lights for charging, low battery, notifications, and voice recording.
- **Notification panel**: Set the brightness of your notification panel and also select the quick setting buttons that you want to display at the top of the notification panel. For more information, refer to *"Notification Panel"* on page 20.
- **Multi window**: Enable or disable the automatic Multi window feature.
- **Page buddy**: Allow context related pages to be created on the Home screen. You can select S Pen page, Earphones page, Docking page, and Roaming page. Touch Page buddy help for more information. Touch the **OFF/ON** button next to Page buddy to turn it ON

.
- **Brightness**: Configures the LCD Brightness levels. Drag the slider and touch OK.
- **Auto rotate screen**: Switch the display orientation automatically when you rotate the phone.
- **Screen timeout**: Adjust the delay time before the screen automatically turns off. Selections are: 15 seconds, 30 seconds, 1 minute, 3 minutes, 5 minutes, and 10 minutes.

- **Daydream**: Control what your screen does when your device is docked or sleeping. Touch the **OFF/ON** button to turn the option ON . Follow the onscreen instructions.
- **Smart screen**: The Smart screen option allow you to customize your screen settings to make the screen more responsive and easier to use.
  - **Smart stay**: Disables the screen timeout if your phone detects that your face is watching the screen.
- **Font style**: Set the font style that your phone will use. You can also touch **Get fonts online** to choose from a wider selection.
- **Font size**: Select which size of font displays.
- **Touch key light duration**: Adjust the delay before the Touch key light automatically turns off.
- **Show battery percentage**: See the battery charge percentage next to the battery charge icon at the top of the display.
- **Auto adjust screen tone**: Save power by adjusting the screen tone according to an analysis of the images.

Storage

From this menu you can view the memory allocation for the memory card (not included) and USB as well as mount or unmount the SD card.

For more information about mounting or unmounting the SD card, see *"Removing and Installing the Memory Card"* on page 8.

To view the memory allocation for your external SD card:

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Storage**.

  The available memory displays under the **Total space** and **Available space** headings for both Device memory and SD card.

SD Card

Your device lets you use a microSD (SD) or microSDHC card to expand available memory space. This secure digital card enables you to exchange images, music, and data between SD-compatible devices. This section addresses the features and options of your device's SD functionality. The device has a USB SD card mode.

1. Touch **Unmount SD card** to unmount your SD card so that you can safely remove it, then touch **OK**.

   – or –

   Touch **Format SD card** to format your SD card. This will delete all data on your SD card including music, videos, and photos.
2. Touch **Format SD card** again.
3. Touch **Delete all** to continue or touch **Back** to cancel.

Note: The **Format SD card** option is only available when your SD card is mounted.

Power Saving Mode

Power saving mode allows you to manage your phone to conserve power.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Power saving mode**.
2. Touch the **OFF/ON** button to turn Power saving mode ON.
3. Touch the following options to create a check mark and conserve power:
   - **CPU power saving**: Limit the maximum performance of the CPU.
   - **Screen power saving**: Lower the screen power level.
   - **Background color**: When On, the background uses lower brightness in Email and Internet.
   - **Turn off haptic feedback**: Turn off vibration when you touch the screen.
4. Touch **Learn about power saving** to learn about various ways to conserve battery power.

Battery

See how much battery power is used for device activities.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Battery**.

   The battery level displays in percentage. The amount of time the battery was used also displays. Battery usage displays in percentages per application.

2. Touch **Screen**, **Android System**, **Android OS**, **Cell standby**, or any other listed application to view how it is affecting battery use.

Note: Other applications may be running that affect battery use.

3. Touch **Show battery percentage** to see the battery charge percentage next to the battery charge icon at the top of the display.

Application Manager

You can download and install applications from Play Store or create applications using the Android SDK and install them on your device. Use Application manager settings to manage applications.

Warning! Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Memory Usage

See how memory is being used by Downloaded or Running applications.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Application manager**.
2. Touch **DOWNLOADED**, **SD CARD**, **RUNNING**, or **ALL** to display memory usage for that category of applications.

   The graph at the bottom of the Downloaded tab shows used and free device memory. The graph at the bottom of the Running tab shows used and free RAM.

Downloaded

Displays apps you have downloaded onto your device.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Application manager**.
2. Touch the **DOWNLOADED** tab to view a list of all the downloaded applications on your device.
3. To switch the order of the lists displayed in the Downloaded tabs, touch **Menu** ➔ **Sort by size** or **Sort by date**.
4. To reset your application preferences, touch **Menu** ➔ **Reset app preferences**.

Note: This will reset the preferences for disabled apps, disabled app notifications, default applications for actions, and background data restrictions for apps. You will not lose any app data.

5. To uninstall multiple applications, touch **Menu** ➔ **Uninstall multiple**.
6. Touch an application to view and update information about the application, including memory usage, default settings, and permissions.

Running Services

View and control services running on your device.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Application manager**.
2. Touch the **RUNNING** tab. All the applications that are currently running on the device display.
3. Touch **Show cached processes** to display all the cached processes that are running. Touch **Show services in use** to switch back.
4. Touch one of the applications to view application information.

   The following options display:

   - **Stop**: Stops the application from running on the device. This is usually done prior to uninstalling the application.

Warning! Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.

- **Report**: Report failure and other application information.

Note: Options vary by application.

Location Services

The Location services settings allow you to set up how the phone will determine your location and the sensor settings for your phone.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Location services**.
2. Touch any of the following options to create a check mark and activate the service:
   - **Access to my location**: Allows apps that have asked your permission to use your location information. Touch the **OFF/ON** button to turn it ON .
   - **E911**: View only field. You cannot turn off E911 Location on any cell phone.
   - **GPS & Verizon location services**: Uses the services provided by Verizon Wireless.
   - **Google Wi-Fi & mobile network location**: Allows applications to use Google's location service to faster estimate your location. Anonymous location data is collected and sent to Google.
   - **My Places**: Allow your phone to recognize your location so it can provide a variety of location-based services.

Lock Screen

Choose settings for unlocking your screen. For more information about using the lock and unlock features, see *"Securing Your Phone"* on page 13.

Screen Lock

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Lock screen** ➔ **Screen lock**.

   The following options display:

   - **Swipe**: Swipe the screen to unlock it.
   - **Face unlock**: Look at your phone to unlock it.
   - **Face and voice**: Look at your phone and speak to unlock.
   - **Pattern**: A screen unlock pattern is a touch gesture you create and use to unlock your device. Follow the prompts to create or change your screen unlock pattern.
   - **PIN**: Select a PIN to use for unlocking the screen.
   - **Password**: Create a password for unlocking the screen.
   - **None**: No pattern, PIN, or password is required. The screen will never lock.

Lock Screen Options

Activate or deactivate various Unlock screen functions.

Note: The Lock screen options will differ depending on what type of Screen Lock you have selected in Step 2.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Lock screen**.
2. The following options are available depending on the Screen Lock type that you have selected:

   Swipe Options

   - **Multiple widgets**: Display multiple widgets on your lock screen. Appears as an option after a lock mode is enabled.
   - **Lock screen widgets**: Lock the widgets that are displayed on your home screens.
   - **Shortcuts**: Set shortcuts to appear at the bottom of the Lock screen. Touch the **OFF/ON** button to turn it ON

.

- **Unlock effect**: Set the effect you receive when unlocking the phone. You can select None, Ripple effect, or Light effect.
- **Help text**: Show help information on the Lock screen.
- **Wake up in lock screen**: Requires you to say a command to wake-up your phone.
- **Set wake-up command**: Designate your wake-up commands. Touch Set wake-up command and follow the onscreen prompts to create a new verbal command.

Face Unlock Options

- **Lock screen widgets**: Lock the widgets that are displayed on your home screens.
- **Improve facial recognition**: Improve your device's face matching capability by capturing your face in different lighting, with or without glasses, and bearded or clean-shaven. Follow the onscreen instructions.
- **Presence check**: Requires you to blink when using the Face unlock feature. This will increase the security of the feature.
- **Lock automatically**: The screen automatically locks 5 seconds after the screen turns off.
- **Lock instantly with power key**: When enabled, the phone instantly locks when you press the power key.

Face and Voice Unlock Options

- **Lock screen widgets**: Lock the widgets that are displayed on your home screens.
- **Improve facial recognition**: Improve your device's face matching capability by capturing your face in different lighting, with or without glasses, and bearded or clean-shaven. Follow the onscreen instructions.
- **Presence check**: Requires you to blink when using the Face unlock feature. This will increase the security of the feature.
- **Lock automatically**: The screen automatically locks 5 seconds after the screen turns off.
- **Lock instantly with power key**: When enabled, the phone instantly locks when you press the power key.

Pattern Options

- **Lock screen widgets**: Lock the widgets that are displayed on your home screens.
- **Make pattern visible**: See the pattern as you draw it.
- **Lock automatically**: The screen automatically locks 5 seconds after the screen turns off.
- **Lock instantly with power key**: When enabled, the phone instantly locks when you press the power key.

PIN and Password Options

- **Lock screen widgets**: Lock the widgets that are displayed on your home screens.
- **Lock automatically**: The screen automatically locks 5 seconds after the screen turns off.
- **Lock instantly with power key**: When enabled, the phone instantly locks when you press the power key.

Security

The Security settings allow you to determine the security level for your phone.

Encryption

To require a numeric PIN or password to decrypt your phone each time you power it on or encrypt the data on your SD card each time it is connected:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Security**.
2. You must first set up a screen lock type if you have not already done so. For more information, refer to *"Screen Lock"* on page 148.
3. Touch **Encrypt device**. For more information, read the displayed help screen.
4. Touch **Encrypt external SD card** to enable the encryption on SD card data that requires a password be entered each time the microSD card is connected.

Tip: Make sure your battery is charged more than 80 percent. Encryption may take an hour or more.

Make Passwords Visible

When enabled, password characters display briefly as you touch them while entering passwords.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Security**.
2. Touch **Make passwords visible** to create a check mark and enable or disable the display of password characters.

Device Administrators

The Device Administration feature allows you to select one or more administration applications that control your device for security purposes (for example, if your phone is lost of stolen). These applications enforce remote or local device security policies.

Some of the features a device administration application might control are:

- Setting the number of failed password attempts before the device is restored to factory settings.
- Automatically locking the device.
- Restoring factory settings on the device.

Note: If a device uses multiple enabled administration applications, the strictest policy is enforced.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Security**.
2. Touch **Device administrators**, to select a device administrator, and follow the prompts.

   If no device administrators are listed, you can download them from the Play Store.
3. Touch **Unknown sources** to download and install non-Market applications.

Warning! Enabling this option causes your phone and personal data to be more vulnerable to attack by applications from unknown sources.

4. Touch **Verify Apps** to cause your phone to either block or warn you before installing apps that may cause harm to your phone.
5. Touch **Change security level** to set the security level to High or Normal.

Credential Storage

If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Security**.
2. Touch **Storage type** to set a storage type for credential contents.
3. Touch **Trusted credentials**.

   The trusted credentials screen has two tabs:

   - **System**: Displays CA certificates that are permanently installed in the ROM of your device.
   - **User**: Displays any CA certificates that you installed, for example, in the process of installing a client certificate.
4. Touch a CA certificate to examine its details.

   A scrolling screen displays the details.

   Scroll to the bottom of the details screen and touch **Turn off** to disable a System certificate.

Caution! When you disable a system CA certificate, the **Turn off** button changes to **Turn on**, so you can enable the certificate again, if necessary.

Touch **OK** to return to the certificate list.

5. Touch **Install from device storage**, then choose a certificate and follow the prompts to install encrypted certificates stored on the USB storage.

Note: You must have installed a memory card (not included) containing encrypted certificates to use this feature.

6. Touch **Clear credentials** to erase the credential contents from the device and reset the password.

Note: This setting only appears if you have installed encrypted certificates.

Language and Input

Use this menu to configure the language in which to display the menus. You can also set onscreen keyboard options.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Language and input**.

Language

You can change the language used by your device by following these steps:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Language and input** ➔ **Language**.
2. Touch a language from the list.

Personal Dictionary

Create and manage a list of words for use in text entry, for matching your key touches with words.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Language and input** ➔ **Personal dictionary**.
2. Manage your word list:
   - Select **Add** to enter new words.
   - Touch a word to **Edit** the word.
   - Touch a word and touch **Delete** to delete it.

Keyboards and Input Methods

You can change the keyboard used by your device by following these steps:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Language and input**.
2. Touch **Default** and select a keyboard.

   Select Samsung keyboard or Swype.
3. Touch **Set up input methods**.
4. Touch **Settings** next to the input method that you would like to configure.
5. Based on your selection of input method, the appropriate settings display and are explained below.

Samsung Keyboard

From this menu you can set Samsung keyboard options.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Language and input**.
2. Touch **Settings** next to **Samsung keyboard**.
   - **Input languages**: Set the input language. Touch a language from the available list. The keyboard is updated to the selected language.
   - **Predictive text**: Enables predictive text entry mode. This must be enabled to gain access to the advanced settings. Touch and hold to access the advanced settings. Touch the **OFF/ON** button to turn Predictive text ON.

     The following options are available:
     - **Personalized data**: Use personal language that you have added to make your prediction results better.
     - **Learn from Gmail**: When logged in to your Gmail account, the phone learns from your Gmail style.
     - **Learn from Facebook**: When logged in to Facebook, the phone learns from your Facebook style.
     - **Learn from Twitter**: When logged in to Twitter, the phone learns from your Twitter style.
     - **Learn from Messages**: Set the phone to learn from your Messages.
     - **Learn from Contacts**: Set the phone to learn from your Contacts.
     - **Clear personal data**: Removes all personalized data that you have entered.
   - **Auto replacement**: Complete or replace the word you are typing with the most probable word when you touch the space bar. Touch the **OFF/ON** button to turn it ON.
   - **Auto capitalization**: Automatically capitalize the first letter of the first word in each sentence (standard English style).
   - **Auto spacing**: Automatically insert spaces between words.
   - **Auto punctuate**: Automatically insert a full stop in a sentence by touching the space bar twice when using the onscreen QWERTY keyboard.
   - **Keyboard swipe**: Touch one of the following:

– **None**: Turn Keyboard swipe off.
– **T9 Trace**: Type words by swiping between onscreen keys.
– **Cursor control:** Move the cursor by sliding your finger across the keyboard.

- **Key-tap feedback**: Select one or more of the following:
  – **Sound**: Enable or disable auditory feedback when you touch an onscreen key.
  – **Vibration**: Enable or disable vibration when you touch an onscreen key.
  – **Character preview**: Provide an automatic preview of the current character selection within the text string. This is helpful when multiple characters are available within one key.
- **Tutorial**: Display more information about using the Samsung keyboard.
- **Reset settings**: Reset the keyboard settings back to their original configuration.

Swype

To configure Swype settings:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Language and input**.
2. Touch **Settings** next to **Swype** to display the following options:
   - **Settings**: Configure basic Swype settings. When an option is enabled, a check mark appears in the check box.
   - **Themes**: Set keyboard options.
   - **My Words**: Set options for managing your dictionary and data.
   - **Languages**: Manage the language used for Swype. The default language is English. Touch **Download languages**, to download additional languages.
   - **Gestures**: Display helpful information on using gestures while using Swype.
   - **Help**: Touch **How to Swype** to view an onscreen manual for Swype. Touch **Show helpful tips** for more Swype information.
   - **Updates**: Check for available Swype updates.

Google Voice Typing

From this menu you can set Google Voice Typing options.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Language and input**.
2. Touch **Settings** next to **Google voice typing**.
3. The following options are available:
   - **Block offensive words:** Touch to create a check mark and enable the blocking of recognized offensive words from the results of your voice-input Google typing.
   - **Offline speech recognition**: Enables voice input while offline.

Speech Settings

This menu allows you to set the speech settings for Voice input.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Language and input**.
2. Touch **Voice search** to configure the following:
   - **Language**: Choose a language for your voice input.
   - **Speech output**: Sets whether you will use speech output always or only when using hands-free.
   - **Block offensive words**: Enable or disable blocking of recognized offensive words from the results of your voice-input Google searches.
   - **Hotword detection**: Enable to being able to launch voice search by saying the word “Google”.
   - **Offline speech recognition**: Enables voice input while offline.
   - **Bluetooth headset**: Record audio through a Bluetooth headset, if available.

3. Touch **Text-to-speech options** and select **Samsung text-to-speech engine** or **Google Text-to-speech Engine**.
4. Touch next to the preferred TTS engine and configure its settings.
5. Scroll down to the **General** section to access the following options:
   - **Speech rate**: Set the speed at which the text is spoken.
   - **Listen to an example**: Play a sample of speech synthesis (available if voice data is installed).

Pointer Speed

This option sets your Pointer speed for your mouse or trackpad when you are using a keyboard dock accessory.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Language and input**.
2. Touch **Pointer speed** then drag the slider to the right to go faster or to the left to go slower.
3. Touch **OK** to save your setting.

Backup and Reset

The Backup and reset settings allow you to back up your data, back up accounts, automatically restore your phone, and reset your phone settings to the factory settings.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Backup and reset**.

  The following options display:

  - **Back up my data**: By setting this option, the Google server will back up all of your settings and data, such as application data, WI-Fi passwords, and other settings, to the Google server.
  - **Backup account**: If you have enabled the **Back up my data** option, then the **Backup account** option is available. Touch **Backup account** and touch your Google Gmail account or touch **Add account** to set your Google Gmail account to be backed up to the Google server.
  - **Automatic restore**: By setting this option, when you reinstall an application, all of your backed up settings and data will be restored from the Google server.

Factory Data Reset

From this menu you can reset your phone and sound settings to the factory default settings.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Backup and reset**.
2. Touch **Factory data reset**.

   The Factory data reset screen displays reset information.
3. Touch **Reset device**, then follow the prompts to perform the reset.

Warning! Performing a Factory data reset will erase all data from your phone and internal SD card, including your Google account, system and application data and settings, and downloaded applications. It will not erase current system software, bundled applications, and external SD card files such as music and photos.

Backup Assistant Plus

Backup Assistant℠ Plus is a free service that protects your contacts by saving to a secure web site. If your phone is lost, stolen or damaged, or if you change phones, Backup Assistant can restore your saved contacts to a new phone, wirelessly. Schedule backups to save your information manually or automatically. Log in to your web account for full access to your contacts for viewing, printing, adding, deleting, and editing.

Visit verizonwireless.com/baplus, or contact Verizon Wireless for more information.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Backup Assistant Plus**.

  – or –

  From a Home screen, touch **Apps** ➔ **Contacts** ➔ **Menu** ➔ **Backup**.

Add Account

This menu allows you to set up, manage, and synchronize accounts, including your Google and email accounts.

For more information about managing applications, see *"Accounts"* on page 36.

Adding an Account

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Add account**.
2. Touch one of the account types.
3. Use the keyboard and follow the prompts to enter your credentials and set up the account.

   A green button appears next to the account type once you have created an account. Your email accounts are also displayed in the **Accounts** section of the Settings menu.

Synchronizing Accounts

Select the items you want to synchronize on your account such as Books, Calendar, Contacts, and more.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ the account type, which is located in the **Accounts** section.
2. Touch the account name.
   - Touch the items you want to synchronize with your account to create a check mark then touch **Sync now**.

     This includes items such as app data, calendar, contacts, gmail or email, photos, and so on.

     Note: The items that are available to Sync depends on the type of account.
   - Touch **Cancel sync** to stop the synchronization.
3. Touch **Settings** to access the account settings.

Removing an Account

Important! Removing an account also deletes all of its messages, contacts, and other data from the device.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ the account type, which is located in the **Accounts** section.
2. Touch the account name.
3. At the bottom of the screen, touch **Remove account**, then touch **Remove account** at the prompt to remove the account and delete all its messages, contacts, and other data.

Motion

The Motion settings allow you to set up various Motion activation services. For more information on using motions, see *"Using Motions"* on page 18.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Motion**.
2. Touch the **OFF/ON** button ON at the top of your screen to activate Motion.

Caution! Excessive shaking or impact to the device may cause unintended results. To learn how to properly control motions, touch **Motion** ➔ **Learn about hand motions**.

3. Touch any of the following options to activate the feature. A check mark displays when an option is enabled.
   - **Direct call**: The device dials the currently displayed onscreen Contact entry as soon as you place the device to your ear.

- **Smart alert**: Pickup the device to be alerted and notified if you have missed any calls or messages.
- **Double tap to top**: Once enabled, double touch the top of the device to be taken to the top of the current onscreen list.
- **Tilt to zoom**: Once enabled, you must be on a screen where content can be zoomed. In a single motion, touch and hold two points on the display then tilt the tilt the device back and forth to zoom in or out.
- **Pan to move icon**: Once enabled, touch and hold a desired application shortcut icon or widget on the screen. Once it detaches, move the device left or right to migrate it to a new location.
- **Pan to browse images:** Once enabled, touch and hold a desired onscreen image to pan around it. Move the device left or right to pan vertically or up and down to pan horizontally around the large onscreen image.
- **Shake to update**: Once enabled, shake your device to rescan for Bluetooth devices, rescan for Wi-Fi devices, Refresh a Web page, etc.
- **Turn over to mute/pause**: Once enabled, mute incoming calls and any playing sounds by turning the device display down on a surface. This is the opposite of the Pickup to be Notified Gesture.
- **Sensitivity settings**: Configure settings to control how sensitive your device is to movements and gestures.
- **Learn about motions**: Get help with understanding motion gestures.
- **Palm swipe to capture**: When On, swiping the screen with the side of your hand (left to right, or right to left) captures a screen shot.
- **Palm touch to mute/pause**: When On, covering the screen with your hand mutes or pauses media playback.
- **Learn about hand motions**: Get help with understanding motion gestures.

Voice Control

The Voice control settings allow you to set up voice commands to control your device.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Voice control**.
2. Touch the **OFF/ON** button to turn Voice control ON .

   Touch the following options to create a check mark and activate the feature.

   - **Incoming calls**: Answer or reject calls using the commands **Answer** and **Reject**.
   - **Alarm**: Stop or snooze an alarm by using the commands **Stop** and **Snooze**.
   - **Camera**: Take photos by using the voice commands such as Capture, Shoot, Smile, and Cheese.
   - **Music**: Control your Music app using the voice commands Next, Previous, Play, Pause, Volume up, and Volume down.

Note: If you set the alert type for calls or alarms to vibration, voice control is not available.

Accessory

This menu allows you to select the Audio output mode when using a car or desk dock.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Accessory**.

  The following options display:

  - **Dock sound**: Play sounds when inserting or removing the phone from the dock.
  - **Audio output mode**: Use the external dock speakers when the phone is docked.
  - **Desk home screen display**: Display the desk home screen whenever the phone is docked.
  - **Audio output**: Set your Audio output to Stereo or Surround.

Date and Time

This menu allows you to change the current time and date displayed.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Date and time**.

  The following options display:

  - **Automatic date and time**: Allow the network to set the date and time. Disable this option to set date and time manually.
    - **Set date**: Enter the current date.
    - **Set time**: Enter the current time.
  - **Automatic time zone**: When enabled, the phone takes the time zone from the wireless network. Disable this option to set time zone manually
    - **Select time zone**: Choose your local time zone (only available when the Automatic setting is disabled).
  - **Use 24-hour format**: Set the format for time displays. If this option is not selected, the phone automatically uses a 12-hour format.
  - **Select date format**: Set the format for date displays.

Accessibility

Accessibility services are special features to make using the device easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

Note: You can download accessibility applications from Play Store and manage their use here.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Accessibility**.

  The following options are available:

  - **Auto rotate screen**: Automatically rotate the screen from landscape to portrait when you rotate your phone.
  - **Screen timeout**: Set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).
  - **Lock automatically**: Automatically lock the screen after the selected minutes of inactivity. (This option only displays when the you have locked your screen using one of the lock screen options.) For more information, refer to *"Lock Screen"* on page 148.

- **Speak passwords**: Read out password information.
- **Answering/ending calls**: Accept incoming calls by pressing the home key or end calls using the power key.
- **Show shortcut**: Allow the accessibility shortcut under the device options to be used by pressing and holding the power key.
- **TalkBack**: Activate the TalkBack feature.

Note: TalkBack, when installed and enabled, speaks feedback to help blind and low-vision users.

Important! TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.

- **Font size**: Change the size of the fonts used on the device within menus, options, and so on. Choose from: Tiny, Small, Normal, Large, or Huge.
- **Magnification gestures**: Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Negative colors**: Reverse the display of onscreen colors from White text on a Black background to Black text on a White background.
- **Accessibility shortcut**: Quickly enable accessibility features in two quick steps. Touch the **OFF/ON** button to turn it ON . Follow the onscreen instructions.
- **Text-to-speech options**: Adjust your text-to-speech settings. For more information, refer to *"Speech Settings"* on page 156.
- **Sound balance**: Use the slider to set the Left and Right balance when using a stereo device.
- **Mono audio**: Enable stereo audio to be compressed into a single mono audio stream for use with a single earbud or earphone.
- **Turn off all sounds**: Mute every sound made by the device when touched and during selections, notifications, and so on.

- **Flash notification**: Set your camera light to blink whenever you receive a notification.
- **Touch and hold delay**: Select a time interval for this action. Choose from: Short, Medium, or Long.

About Phone

This menu contains legal information, system tutorial information, and other phone information such as the model number, firmware version, baseband version, kernal version, and software build number.

To access phone information:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **About phone**.
2. The following information displays:
   - **Software update**: Use your phone to connect to the network and upload any new phone software directly to your phone. The phone automatically updates with the latest available software when you access this option.
   - **Status**: The Battery status, Battery level (percentage), Network, Signal strength, Mobile network type, Service state, Roaming status, Mobile network state, the phone number for this device (My phone number), MIN number, PRL version, ERI version, MEID number, IMEISV number, IP address, Wi-Fi MAC address, Bluetooth address, Up time, and Device status.
   - **Legal information**: Display Open source licenses, Google legal, and License settings information.

Tip: To find your device's DivX® registration code and information about registering your device to play DivX protected video, touch **Legal information** ➔ **License settings** ➔ **DivX® VOD**.

   - **Device name**: Phone's model name.
   - **Model number**: Phone's model number.
   - **Android version**: Android version loaded on this phone.
   - **Baseband version**: Baseband version loaded on this phone.
   - **Kernel version**: Kernel version loaded on this phone.

- **Build number**: Software, build number.
- **SE for Android status**: Current SE for Android status.
- **Hardware version**: Hardware version of your phone.

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